

# NASA TECHNICAL MEMORANDUM

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EXPERIMENT: 25-mb SOUNDING DATA AND  
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## DATA FOR NASA'S AVSSE II EXPERIMENT: 25-mb SOUNDING DATA AND SYNOPTIC CHARTS

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NASA



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# TABLE OF CONTENTS

	Page
LIST OF FIGURES . . . . .	iv
LIST OF TABLES . . . . .	v
I. Introduction . . . . .	1
II. The AVSSE II Experiment . . . . .	3
III. Discussion of Basic Data . . . . .	3
A. Collection . . . . .	3
B. Methods of Processing . . . . .	3
IV. Discussion of Sounding Data . . . . .	7
A. Accuracy Estimates . . . . .	7
B. Tabulated Data . . . . .	8
V. Synoptic Charts . . . . .	14
ACKNOWLEDGEMENTS . . . . .	15
REFERENCES . . . . .	15
Sounding Data . . . . .	21
1200 GMT, 6 May 1975 . . . . .	21
1500 GMT, 6 May 1975 . . . . .	45
1800 GMT, 6 May 1975 . . . . .	67
2100 GMT, 6 May 1975 . . . . .	91
0000 GMT, 7 May 1975 . . . . .	115
0300 GMT, 7 May 1975 . . . . .	139
1200 GMT, 7 May 1975 . . . . .	163

# LIST OF FIGURES

<u>Figure</u>	<u>Title</u>	<u>Page</u>
1	Rawinsonde stations participating in the AVSSE II Experiment . . . . .	4
2	Synoptic chart for the surface at 1200 GMT, 6 May 1975 . . . . .	17
3	Synoptic chart for the 700-mb level at 1200 GMT, 6 May 1975 . . . . .	18
4	Synoptic chart for the surface at 1500 GMT, 7 May 1975 . . . . .	19
5	Synoptic chart for the 700-mb level at 1200 GMT, 7 May 1975 . . . . .	10



# LIST OF TABLES

<u>Table</u>	<u>Title</u>	<u>Page</u>
1	Summary of AVE and AVSSE Experiments . . . . .	2
2	Rawinsonde Stations Participating in the AVSSE II Experiment . . . . .	5
3	Known Errors Remaining in the Reduced Data of the AVSSE II Experiment . . . . .	6
4	Example of Contact Data . . . . .	9
5	Explanation of Column Headings of Tabulated Sounding Data for the AVSSE II Experiment . . . . .	13
6	List of Missing Soundings . . . . .	14

DATA FOR NASA'S AVSSE II EXPERIMENT:  
25-MB SOUNDING DATA AND SYNOPTIC CHARTS

by

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I. Introduction

To date NASA has conducted four Atmospheric Variability Experiments (AVE) and two Atmospheric Variability and Severe Storm Experiments (AVSSE). The dates of these experiments, observation times, and other information are summarized in Table 1.

The data reduction program and an error analysis have been presented by Fuelberg (1974). Some changes were made in Fuelberg's original program; these are discussed in Section III of this report. Also, error estimates taken from Fuelberg's report are presented in Section IV.

The AVE experiments were conducted for the primary purpose of studying atmospheric variability with emphasis on spatial and temporal changes in the structure of the atmosphere that could be determined from soundings taken at 3-h intervals, and which would not be reflected in soundings taken at 12-h intervals. Studies have shown (Scoggins et al., 1973; Overall and Scoggins, 1975; and Wilson and Scoggins, 1975) significant variability and changes in atmospheric structure from the 3-h data not present in the 12-h data.

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Table 1

## Summary of AVE and AVSSE Experiments

<u>Experiment</u>	<u>Dates</u>	<u>Observation times (GMT)</u>	<u>Data Reports</u>
AVE I	19-22 February 1964	2/19 - 00, 03, 06, 09, 12, 15, 18, 21 2/20 - 00, 03, 06, 09, 12, 15, 18, 21 2/21 - 00, 03, 06, 09, 12, 15, 18, 21 2/22 - 00, 03, 06, 09, 12, 15, 18, 21 2/23 - 00	Scoggins and Smith (1973a and b)
AVE II	11-12 May 1974	5/11 - 12, 15, 18, 21 5/12 - 00, 03, 06, 09, 12	Scoggins and Turner (1974) Fuelberg and Turner (1975)
AVE III	6-7 February 1975	2/6 - 00, 06, 12, 15, 18, 21 2/7 - 00, 06, 12	Fuelberg and Turner (1975)
AVE IV	24-25 April 1975	4/24 - 00, 06, 12, 15, 18, 21 4/25 - 00, 06, 12	Fucik and Turner (1975)
AVSSE I	27-28 April 1975	4/27 - 12, 15, 18, 21 4/28 - 00, 03, 12	Fucik and Turner (1975)
AVSSE II	6-7 May 1975	5/6 - 12, 15, 18, 21 5/7 - 00, 03, 12	This report

The primary purpose of the AVSSE experiments is to provide a data base for studying atmospheric structure and variability associated with severe storms. These data will supplement measurements made by aircraft (a program conducted by the NASA Goddard Space Flight Center, Greenbelt, MD) in and near convective storms. The aircraft data will provide information on near-storm environments, while the AVSSE data will provide information on spatial and temporal scales between the aircraft data and normal 12-h rawinsonde sounding data.

## II. The AVSSE II Experiment

Twenty-three rawinsonde stations participated in the AVSSE II experiment. These stations are shown in Fig. 1 and listed in Table 2. Soundings were taken at seven time periods - May 6 at 1200, 1500, 1800, and 2100 GMT, and on May 7 at 0000, 0300, and 1200 GMT.

## III. Discussion of Basic Data

A. Collection. Original information from which sounding data were computed was sent to the Aerospace Environment Division, NASA Marshall Space Flight Center (MSFC), Alabama. Texas A&M University personnel extracted ordinate and angle data at each pressure contact and keypunched these and baseline data into cards. All sounding computations were made on an IBM 360/65 computer at Texas A&M University.

B. Methods of Processing. The procedure used to compute soundings is the same as that used on the AVE III, AVE IV, and AVSSE I data and is described by Fuelberg (1974) and Fuelberg and Turner (1975). All keypunched data were checked for errors by calculating centered differences on the input data. Processed soundings were further checked by calculating centered differences of wind direction and speed and by calculating the lapse rates of temperature and dew point. All questionable data were checked with

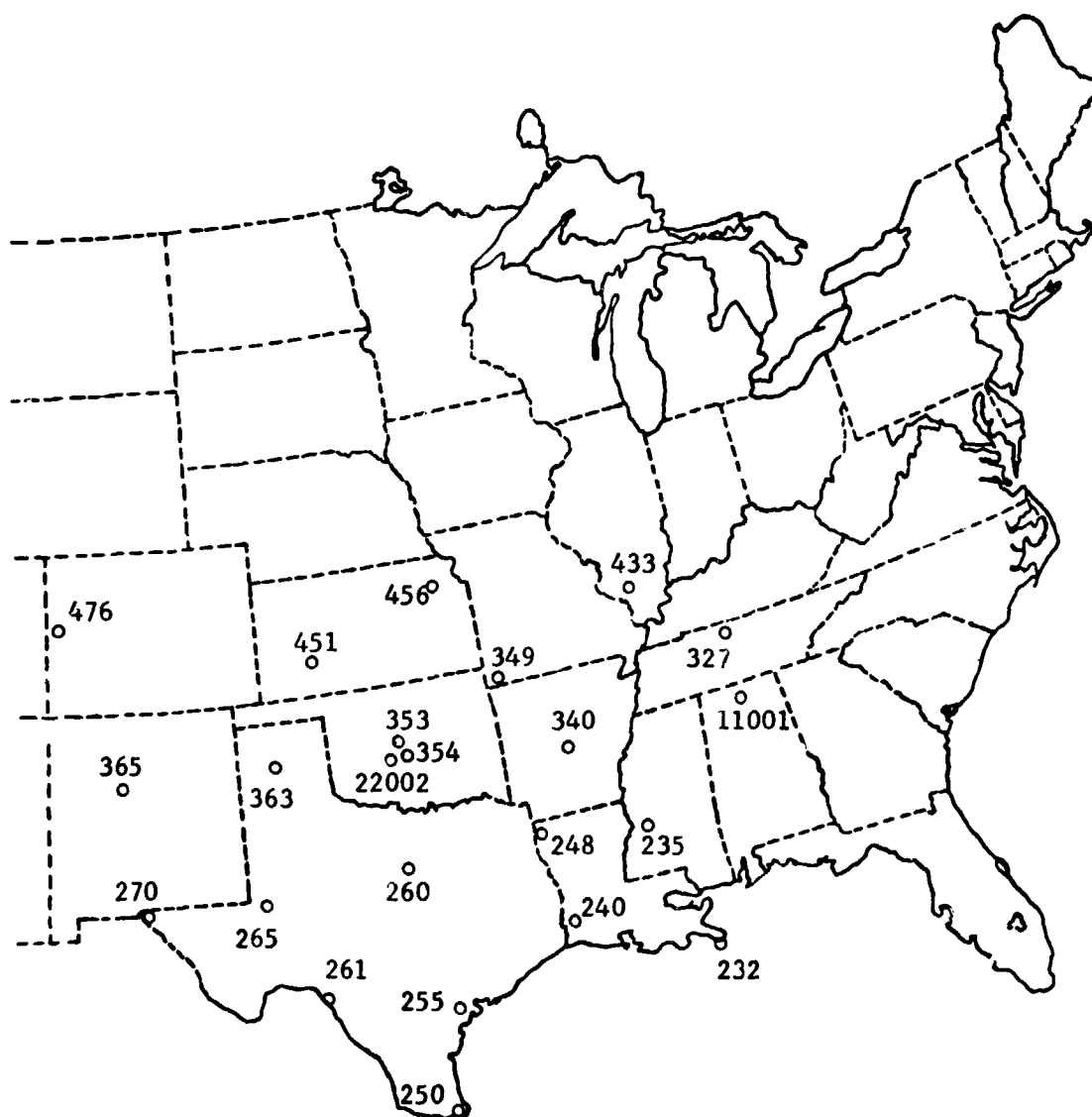


Fig. 1. Rawinsonde stations participating in the AVSSE II Experiment.

Table 2

Rawinsonde Stations Participating in the AVSSE II Experiment

<u>Station Number</u>	<u>Location</u>
232 (BVE)	Boothville, Louisiana
235 (JAN)	Jackson, Mississippi
240 (LCH)	Lake Charles, Louisiana
248 (SHV)	Shreveport, Louisiana
250 (BRO)	Brownsville, Texas
255 (VCT)	Victoria, Texas
260 (SEP)	Stephenville, Texas
261 (DRT)	Del Rio, Texas
265 (MAF)	Midland, Texas
270 (ELP)	El Paso, Texas
327 (BNA)	Nashville, Tennessee
340 (LIT)	Little Rock, Arkansas
349 (UMN)	Monett, Missouri
353 (OKC)	Oklahoma City, Oklahoma
354 (TIK)	Tinker Air Force Base, Oklahoma
363 (AMA)	Amarillo, Texas
365 (ABQ)	Albuquerque, New Mexico
433 (SLO)	Salem, Illinois
451 (DDC)	Dodge City, Kansas
456 (TOP)	Topeka, Kansas
476 (GJT)	Grand Junction, Colorado
11001 (MFS)	Marshall Space Flight Center, Alabama
22002 (FSI)	Fort Sill, Oklahoma

the original strip chart information, and any data found to be erroneous were corrected. All known errors are listed in Table 3.

Table 3  
Known Errors Remaining in the Reduced Data  
of the AVSSE II Experiment

<u>Station</u>	<u>Date/GMT</u>	<u>Error</u>
240 Lake Charles, Louisiana	7/0300	No wind data.
353 Oklahoma City, Oklahoma	7/1200	Ground equipment problems- very short and erratic sounding.
235 Jackson, Mississippi	6/1500	Balloon went into thunderstorm and encountered icing conditions. Sounding very short.
433 Salem, Illinois	6/1500	Irregular sounding due to ground equipment and instrument problems.

The final data sets of the AVSSE II experiment consist of data computed at each pressure contact and at 25-mb intervals. Thermodynamic quantities were computed at each pressure contact, while wind data were computed from 30-sec intervals by means of centered finite differences and subsequently smoothed and interpolated to each pressure contact. These detailed profiles were then interpolated to give the 25-mb data presented in this report.

Three important changes were made in the original computer program (Fuelberg, 1974). These changes were reflected in all soundings beginning with AVE III and remain in the program for AVSSE II. These changes are:

- 1) Humidity values, including dew point temperature, are computed only

at temperatures above  $-40^{\circ}\text{C}$ ; at temperatures below  $-40^{\circ}\text{C}$ , humidity values are indicated by fields of nines as are missing values of humidity. The AVSSE II data contain computed moisture values down to a relative humidity of 1%; if the value of relative humidity is below 1%, it is set equal to 1% from which the other moisture variables are computed. 2) The second change involves the indication of winds which are based on low elevation angles. An asterisk following wind speed in the AVSSE II data means that the elevation angle was between  $10^{\circ}$  and  $6^{\circ}$ . A double asterisk indicates that the elevation angle was less than  $6^{\circ}$ . Since winds computed at low elevation angles have large RMS errors, these data should be used with caution. 3) In the original computer program, 25-mb values of wind direction, scalar speed, and the u- and v-wind components were interpolated independently of each other. The program now interpolates the 25-mb values of u- and v-wind components and then determines wind direction and wind speed from the components. These changes appear in both the contact and 25-mb data.

#### IV. Discussion of Sounding Data

A. Accuracy Estimates. Estimates of the RMS errors in the thermodynamic quantities of the AVSSE II data are the same as those for all AVE experiments and those given by Fuelberg (1974). These estimates are:

<u>Parameter</u>	<u>Approximate RMS Error</u>
Temperature	$1^{\circ}\text{C}$
Pressure	1.3 mb from surface to 400 mb; 1.1 mb between 400 and 100 mb; 0.7 mb between 100 and 10 mb.
Humidity	10 percent
Pressure Altitude	10 gpm at 500 mb; 20 gpm at 300 mb; 50 gpm at 50 mb.



The RMS errors for wind speed and direction are difficult to describe since they are a function of tracking geometry and other factors. Maximum RMS errors for winds computed at 30-sec intervals (based on the worst geometric tracking configuration) are: at 700 mb about 2.5 mps at an elevation angle of  $10^\circ$  and about 0.5 mps at an elevation angle of  $40^\circ$ ; at 500 mb, 4.5 mps and 0.8 mps for the same elevation angles; and at 300 mb, 7.8 mps and 1.0 mps, respectively. After assuming typical values of scalar wind speed at the various levels, maximum RMS errors in wind direction were determined. The maximum RMS errors at 700 mb range from about  $9.5^\circ$  at an elevation angle of  $10^\circ$  to about  $1.3^\circ$  at an elevation angle of  $40^\circ$ . At 500 mb the errors are  $13.4^\circ$  and  $1.8^\circ$  for the same elevation angles, while at 300 mb the maximum errors are  $18.0^\circ$  and  $2.5^\circ$ , respectively. The accuracy of the wind data at pressure contacts and at 25-mb intervals is greater than that stated for the 30-sec winds because of the added smoothing and interpolation performed. In addition, errors cited for the 30-sec winds were maxima for the stated conditions.

B. Tabulated Data. An example of AVSSE II contact data is given in Table 4. An explanation of the column headings is given in Table 5, and a list of missing soundings is given in Table 6. In Table 4, the first line of data for the time of 0.0 minutes is surface data. A series of nines is used to indicate missing data. The three numbers in the upper right-hand side of each page are the number of pressure contacts computed, the minimum pressure obtained (mb), and an angle identifier with the value 0 for 30-sec angle input and 1 for 1-min angle input. The contact data are available in paper form or on magnetic tape from the George C. Marshall Space Flight Center, Aerospace Environment Division, Space Sciences Laboratory, Marshall Space Flight Center, Alabama 35812.

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OF POOR QUALITY

Table 4. Example of Contact Data

STATION NO. 232  
NORTHVILLE, LA

6 MAY 1975  
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	WEIGHT GPM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED W/SEC	U COMP W/SEC	V COMP W/SEC	POT T DG K	E POT T DG K	MX RTO GW/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	1.0	1077.4	23.9	22.5	170.0	5.2	-0.9	5.1	298.8	344.0	17.3	92.0	0.0	0.0
0.1	6.0	37.7	1074.0	23.9	22.9	26.1	3.7	-1.6	-3.3	299.1	345.5	17.8	94.1	1.0	345.
0.3	7.0	118.6	994.0	23.4	22.0	26.1	3.7	-1.6	-3.3	299.4	345.5	17.1	92.1	1.0	345.
0.6	6.0	216.2	983.0	22.7	21.4	47.6	2.4	-1.8	-1.6	299.5	343.1	16.6	92.4	1.0	344.
0.9	9.0	314.5	972.0	21.8	20.4	188.2	4.1	-2.2	3.5	293.5	340.9	15.8	91.9	0.9	342.
1.2	10.0	413.6	961.0	21.3	17.9	184.7	8.9	-2.4	8.6	293.7	335.5	13.6	80.5	1.1	342.
1.6	11.0	531.9	948.0	21.1	14.1	149.9	13.9	-2.4	13.7	300.3	329.1	10.7	64.1	1.4	344.
1.9	12.0	623.9	938.0	21.1	12.3	149.6	13.6	-2.5	13.4	301.0	327.1	9.6	56.9	1.6	345.
2.3	13.0	726.1	927.0	20.9	12.0	167.8	13.7	-2.9	13.4	301.8	327.8	9.6	56.6	2.0	345.
2.6	14.0	825.4	916.0	20.7	10.4	166.4	13.8	-3.1	13.4	302.5	326.4	8.7	51.8	2.2	346.
2.9	15.0	924.4	906.0	20.7	8.3	167.1	13.7	-3.1	13.4	302.5	324.3	7.6	44.8	2.5	346.
3.3	16.0	1040.3	893.0	21.1	1.4	147.7	12.2	-2.6	11.9	304.6	318.2	4.7	26.9	2.8	346.
3.6	17.0	1153.4	882.0	20.9	2.8	168.4	11.1	-2.2	10.8	305.5	320.7	5.3	30.2	3.0	346.
4.0	18.0	1254.9	872.0	20.7	2.3	169.7	10.4	-1.9	10.2	306.3	321.2	5.2	29.7	3.2	346.
4.3	19.0	1354.4	862.0	20.2	1.5	170.7	9.9	-1.6	9.7	306.8	321.0	4.9	29.6	3.4	346.
4.6	20.0	1454.8	852.0	19.6	-1.6	169.4	9.3	-1.7	9.2	307.0	314.7	4.0	23.9	3.6	347.
5.1	21.0	1556.6	840.0	18.9	-6.1	157.8	8.9	-3.3	8.2	307.4	316.0	2.9	17.7	3.8	347.
5.4	22.0	1679.1	830.0	18.1	-6.2	150.6	9.3	-4.6	4.1	307.6	316.2	2.9	18.5	4.0	346.
5.7	23.0	1782.5	820.0	17.2	-3.8	146.0	9.5	-5.3	7.8	307.8	314.2	3.5	23.4	4.2	345.
6.1	24.0	1887.0	810.0	16.4	-4.5	142.3	9.5	-5.8	7.5	308.0	314.0	3.4	23.4	4.4	344.
6.4	25.0	1981.8	801.0	15.4	-3.5	141.5	9.5	-5.9	7.4	307.9	314.8	3.7	27.0	4.6	343.
6.9	26.0	2109.5	789.0	14.8	-1.9	144.2	9.4	-5.5	7.6	308.7	321.1	4.2	31.7	4.8	342.
7.2	27.0	2217.3	779.0	14.6	-4.4	144.3	9.3	-4.9	7.9	309.5	320.0	3.5	26.5	5.0	341.
7.6	28.0	2326.3	769.0	14.0	-5.2	155.8	9.1	-3.7	8.3	310.0	320.1	3.4	25.9	5.2	341.
7.9	29.0	2425.3	760.0	12.8	-6.8	162.9	9.0	-2.6	8.6	307.7	314.8	3.0	24.8	5.4	340.
8.3	30.0	2525.2	751.0	12.0	-4.0	173.2	9.2	-1.1	9.2	310.0	321.2	3.8	32.2	5.6	341.
8.6	31.0	2637.3	741.0	11.5	-2.7	180.4	9.8	0.1	9.8	310.7	321.2	4.3	37.1	5.7	341.
9.0	32.0	2739.3	732.0	10.9	-2.2	184.3	10.9	1.6	10.8	311.1	324.3	4.5	39.8	5.9	342.
9.3	33.0	2842.5	723.0	10.5	-2.2	193.9	11.7	2.8	11.3	311.8	325.1	4.5	40.7	6.1	343.
9.6	34.0	2958.3	713.0	9.6	-3.4	199.1	12.3	4.0	11.6	312.0	324.4	4.2	39.8	6.3	344.
10.0	35.0	3063.6	704.0	8.9	-5.4	204.5	12.8	5.7	11.5	312.3	323.2	3.6	35.9	6.6	346.
10.4	36.0	3167.9	693.0	8.3	-7.9	214.5	12.4	7.3	10.6	313.0	322.2	3.0	30.8	6.8	348.
10.7	37.0	3271.7	684.0	7.8	-11.3	220.2	12.6	8.2	9.7	313.5	320.7	2.4	24.4	7.0	349.
11.1	38.0	3410.7	675.0	6.9	-9.7	227.5	12.4	9.1	8.4	313.7	322.0	2.7	29.4	7.2	351.
11.4	39.0	3520.9	666.0	6.2	-6.3	231.4	12.2	4.5	7.5	314.2	325.0	3.6	40.2	7.3	353.
11.8	40.0	3632.2	657.0	5.0	-2.1	235.1	12.3	10.1	7.0	314.3	329.1	5.0	60.4	7.4	355.
12.2	41.0	3770.0	646.0	4.1	-0.5	237.6	12.6	10.7	6.8	314.9	331.9	5.8	72.2	7.5	357.
12.5	42.0	3871.4	638.0	3.1	-1.2	239.4	13.0	11.2	6.6	315.8	331.1	5.5	73.2	7.7	358.
12.9	43.0	3966.5	629.0	2.2	-3.5	244.2	13.6	12.2	5.9	316.8	329.1	4.7	65.7	7.8	360.
13.2	44.0	4102.9	620.0	1.4	-4.3	251.2	14.6	13.8	4.7	316.4	328.8	4.5	65.4	7.9	2.
13.6	45.0	4207.5	612.0	0.8	-6.7	258.2	16.0	15.7	3.3	315.7	327.1	3.8	57.1	8.0	4.
14.0	46.0	4326.4	603.0	0.3	-14.1	263.7	17.9	17.8	2.0	316.2	322.9	2.1	33.0	8.1	7.
14.4	47.0	4433.3	595.0	-0.9	-15.1	267.5	20.0	20.0	0.9	316.1	322.4	2.0	33.0	8.2	10.
14.7	48.0	4541.3	587.0	-1.5	-15.9	269.4	21.5	21.5	0.1	316.6	322.5	1.9	32.2	8.3	13.
15.0	49.0	4654.1	578.0	-2.6	-17.7	271.7	22.9	22.9	-0.7	316.7	321.9	1.6	30.0	8.4	15.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Table 4. (Continued)

STATION NO. 232  
BOOTHVILLE, LA

6 MAY 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

157 18. 1

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	Q19 DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	E POT DG K	POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
15.4	50.0	4774.5	570.0	-3.2	-19.3	273.2	24.3	24.3	-1.4	321.9	317.2	1.5	27.6	8.6	19.
15.8	51.0	4514.4	560.0	-4.0	-21.6	273.0	25.2	25.2	-1.3	321.8	317.6	1.2	23.8	8.7	23.
16.2	52.0	5027.7	552.0	-5.2	-22.1	271.7	25.8	25.8	-0.8	321.5	317.7	1.2	25.0	8.9	27.
16.6	53.0	5142.1	544.0	-6.1	-22.9	269.9	26.1	26.1	0.0	321.6	317.9	1.1	25.0	9.2	30.
16.9	54.0	5257.4	536.0	-7.3	-23.9	269.0	26.2	26.2	0.5	321.8	317.8	1.0	25.1	9.5	33.
17.2	55.0	5360.0	529.0	-8.6	-24.5	268.5	26.2	26.2	0.7	321.7	317.4	1.0	26.2	9.8	36.
17.7	56.0	5507.6	519.0	-9.9	-24.5	268.5	26.2	26.2	0.7	320.9	317.6	1.0	29.2	10.3	39.
18.1	57.0	5627.2	511.0	-10.8	-24.5	268.9	26.2	26.2	0.5	321.4	318.0	1.0	31.4	10.7	41.
18.5	58.0	5733.0	504.0	-12.0	-24.6	269.3	26.2	26.2	0.3	321.2	317.8	1.0	34.1	11.1	44.
18.9	59.0	5855.2	496.0	-13.2	-24.4	269.9	26.0	26.0	0.0	321.3	317.7	1.0	38.4	11.6	46.
19.3	60.0	5978.8	488.0	-14.5	-25.1	270.6	26.0	26.0	0.3	321.0	317.9	1.0	39.9	12.0	48.
19.7	61.0	6188.2	481.0	-15.3	-25.2	271.3	26.2	26.2	-0.6	321.3	317.9	1.0	42.1	12.5	50.
20.1	62.0	6158.8	474.0	-16.1	-26.4	271.7	26.4	26.4	-0.8	320.8	318.2	0.8	33.6	12.9	51.
20.4	63.0	6325.7	466.0	-1.1	-32.2	272.2	26.6	26.6	-1.0	320.4	320.4	0.5	25.5	13.3	53.
20.9	64.0	6440.3	459.0	-16.8	-42.4	272.6	26.3	26.3	-1.2	320.9	320.2	0.2	8.7	14.0	55.
21.2	65.0	655.7	452.0	-16.8	-43.4	272.5	26.0	26.0	-1.2	322.3	321.6	0.2	7.9	14.3	56.
21.7	66.0	6700.5	443.0	-17.6	-46.1	272.1	25.4	25.4	-1.0	323.0	322.5	0.1	6.2	15.0	58.
22.1	67.0	6825.5	436.0	-18.3	-46.5	271.6	25.1	25.1	-0.7	323.6	323.1	0.1	6.3	15.5	59.
22.6	68.0	6946.2	429.0	-19.1	-44.9	271.2	24.9	24.9	-0.5	324.0	323.5	0.1	6.4	16.1	61.
23.1	69.0	7168.4	422.0	-19.8	-47.3	271.3	24.8	24.8	-0.6	324.2	324.2	0.1	6.5	16.7	62.
23.4	70.0	7174.6	416.0	-19.9	-47.4	272.6	25.0	25.0	-1.1	325.8	325.3	0.1	6.6	17.1	63.
23.9	71.0	7318.4	408.0	-20.9	-47.9	275.7	25.6	25.6	-2.6	326.4	325.9	0.1	6.7	17.8	64.
24.3	72.0	7464.5	400.0	-21.8	-48.4	279.7	26.5	26.1	-4.1	326.6	326.6	0.1	6.9	18.3	65.
24.7	73.0	7575.5	394.0	-22.8	-44.2	281.9	27.5	26.9	-5.7	326.8	326.8	0.2	12.0	18.9	66.
25.1	74.0	7687.9	388.0	-23.8	-37.9	284.2	28.7	27.9	-7.0	328.2	328.2	0.4	25.8	19.4	67.
25.5	75.0	7827.7	381.0	-24.2	-38.2	285.4	30.0	28.9	-6.0	329.3	329.3	0.4	25.8	19.9	69.
25.9	76.0	7955.7	374.0	-25.4	-39.2	285.8	31.0	28.8	-6.4	329.4	329.4	0.3	25.9	20.5	70.
26.2	77.0	8072.8	368.0	-26.6	-42.2	285.8	31.6	30.4	-8.6	329.7	329.7	0.2	21.2	21.0	71.
26.7	78.0	8191.3	362.0	-27.6	-44.8	285.2	32.7	31.6	-10.1	329.0	329.0	0.2	17.5	21.8	72.
27.1	79.0	8311.2	356.0	-28.6	-45.9	284.2	33.8	32.8	-8.3	329.2	329.2	0.2	17.0	22.4	73.
27.5	80.0	8453.2	349.0	-29.6	-48.2	287.1	35.1	34.1	-7.9	329.0	329.0	0.1	14.3	23.2	74.
28.0	81.0	8557.4	342.0	-30.8	-49.1	281.9	36.5	35.7	-7.5	329.3	329.3	0.1	14.5	24.1	76.
28.4	82.0	8723.8	336.0	-31.8	-49.9	281.5	37.4	36.6	-7.4	329.6	329.6	0.1	14.8	24.9	77.
28.9	83.0	8840.8	330.0	-33.2	-50.9	281.9	37.9	37.1	-7.8	329.5	329.5	0.1	14.8	26.0	78.
29.2	84.0	8973.5	324.0	-34.3	-51.8	282.6	38.2	37.2	-8.3	329.6	329.6	0.1	14.9	26.6	79.
29.7	85.0	9109.1	318.0	-35.0	-52.1	283.8	38.8	37.7	-9.2	330.4	330.4	0.1	15.0	27.6	79.
30.2	86.0	9264.0	311.0	-36.1	-53.2	284.8	39.7	38.4	-10.1	331.4	331.4	0.1	15.1	28.7	80.
30.6	87.0	9376.3	306.0	-37.0	-53.2	285.5	40.2	38.8	-10.8	331.3	331.3	0.1	15.6	29.6	81.
31.1	88.0	9513.1	300.0	-37.9	-53.9	286.6	39.9	38.2	-11.4	331.8	331.8	0.1	16.7	30.7	82.
31.5	89.0	9628.7	295.0	-38.6	-54.4	287.6	39.4	37.5	-11.9	332.5	332.5	0.1	16.7	31.6	83.
32.0	90.0	9769.5	289.0	-39.6	-55.4	288.2	39.5	37.5	-12.4	333.0	333.0	0.1	16.9	32.6	83.
32.5	91.0	9884.6	284.0	-40.8	-56.9	287.5	39.1	37.1	-12.8	333.1	333.1	0.1	16.9	33.7	84.
32.9	92.0	10079.2	279.0	-41.7	-59.9	286.0	42.7	41.1	-11.8	333.4	333.4	0.1	16.9	34.6	85.
33.4	93.0	10156.2	273.0	-42.8	-59.0	284.2	44.3	43.0	-10.9	333.9	333.9	0.1	16.9	35.9	86.
33.9	94.0	10290.6	268.0	-43.9	-59.9	282.8	45.0	43.9	-10.0	334.1	334.1	0.1	16.9	37.2	86.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Table 4. (Continued)

STATION NO. 212  
ROOTHVILLE, LA

6 MAY 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

157 16. 1

TIME MIN	CNTCT	HEIGHT GM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
34.4	55.3	13406.9	263.0	-44.5	90.9	282.0	45.4	44.4	-9.4	335.1	959.3	90.9	999.9	38.4	87.
34.9	56.0	10566.1	257.0	-45.8	92.0	281.8	45.2	44.3	-9.3	335.4	999.9	90.9	999.9	39.8	87.
35.3	57.0	10661.6	257.0	-46.9	90.9	282.3	44.6	43.6	-9.5	335.6	999.9	90.9	999.9	40.9	88.
35.8	58.0	10824.1	257.0	-47.9	90.9	283.7	43.6	42.7	-10.3	336.0	999.9	90.9	999.9	42.2	88.
36.3	59.0	10958.6	242.0	-49.4	90.9	285.3	43.0	41.4	-11.3	335.0	999.9	90.9	999.9	43.4	89.
36.7	100.0	11055.3	237.0	-51.1	90.9	284.5	42.7	41.0	-12.1	334.7	999.9	90.9	999.9	44.4	89.
37.3	101.0	11267.3	231.0	-51.3	90.9	284.1	42.2	40.1	-13.1	337.3	999.9	90.9	999.9	45.9	90.
37.9	102.0	11444.3	226.0	-51.9	90.9	282.7	41.2	39.8	-13.7	338.5	999.9	90.9	999.9	47.3	90.
38.3	103.0	11519.9	222.0	-52.7	90.9	280.1	41.6	39.1	-14.7	339.1	999.9	90.9	999.9	48.2	91.
38.9	104.0	11664.6	217.0	-53.8	90.9	279.1	45.3	42.8	-14.8	339.6	999.9	90.9	999.9	49.5	91.
39.4	105.0	11785.9	213.0	-54.7	90.9	287.9	49.8	47.4	-15.2	340.0	999.9	90.9	999.9	50.9	92.
39.9	106.0	11937.5	208.0	-55.8	90.9	287.4	52.4	50.0	-15.7	340.5	999.9	90.9	999.9	52.5	92.
40.4	107.0	12067.8	204.0	-56.8	90.9	287.4	53.5	51.1	-16.0	340.9	999.9	90.9	999.9	54.0	93.
40.8	108.0	12186.0	200.0	-58.0	90.9	287.1	54.4	52.0	-16.0	341.0	999.9	90.9	999.9	55.2	93.
41.2	109.0	12312.9	196.0	-58.3	90.9	286.6	55.4	53.1	-16.4	341.8	999.9	90.9	999.9	56.5	93.
41.7	110.0	12474.3	191.0	-60.4	90.9	286.3	56.2	54.0	-17.7	341.4	999.9	90.9	999.9	58.2	94.
42.3	111.0	12639.3	186.0	-61.3	90.9	285.9	55.7	51.3	-16.1	342.1	999.9	90.9	999.9	60.2	94.
42.8	112.0	12773.8	182.0	-62.7	90.9	288.1	53.0	52.4	-16.4	342.6	999.9	90.9	999.9	61.9	94.
43.2	113.0	12910.3	178.0	-64.0	90.9	289.0	50.0	47.9	-16.4	342.6	999.9	90.9	999.9	63.1	95.
43.7	114.0	13040.2	174.0	-65.8	90.9	286.7	50.0	47.9	-16.2	343.3	999.9	90.9	999.9	64.3	95.
44.3	115.0	13170.8	170.0	-65.8	90.9	286.1	50.0	51.5	-15.5	344.3	999.9	90.9	999.9	66.1	95.
44.8	116.0	13371.8	165.0	-66.6	90.9	281.8	54.5	56.8	-13.9	345.9	999.9	90.9	999.9	68.4	96.
45.4	117.0	13521.2	161.0	-68.0	90.9	282.2	56.7	54.7	-11.9	349.0	999.9	90.9	999.9	70.1	96.
45.9	118.0	13633.9	158.0	-68.8	90.9	290.1	51.0	51.1	-9.1	349.5	999.9	90.9	999.9	71.7	96.
46.4	119.0	13785.1	154.0	-68.2	90.9	278.3	49.4	47.9	-7.0	353.5	999.9	90.9	999.9	73.2	96.
47.0	120.0	13940.4	150.0	-68.4	90.9	277.5	45.6	45.2	-6.0	359.1	999.9	90.9	999.9	74.9	96.
47.6	121.0	14073.4	147.0	-68.0	90.9	277.1	45.7	45.4	-5.7	363.8	999.9	90.9	999.9	76.4	96.
48.2	122.0	14243.8	143.0	-61.4	90.9	278.4	47.2	47.0	-5.0	369.3	999.9	90.9	999.9	78.1	96.
48.8	123.0	14375.5	140.0	-60.9	90.9	275.9	48.9	49.5	-5.0	372.4	999.9	90.9	999.9	79.8	96.
49.4	124.0	14515.9	136.0	-60.4	90.9	277.2	48.5	48.1	-5.0	376.5	999.9	90.9	999.9	81.7	96.
50.0	125.0	14698.9	133.0	-60.4	90.9	277.7	45.2	44.8	-6.1	378.9	999.9	90.9	999.9	83.4	96.
50.6	126.0	14898.7	129.0	-61.6	90.9	278.4	41.9	41.4	-6.1	389.0	999.9	90.9	999.9	84.9	96.
51.2	127.0	15037.2	126.0	-62.4	90.9	280.1	41.5	41.8	-7.2	381.2	999.9	90.9	999.9	86.3	96.
51.8	128.0	15223.2	122.0	-62.7	90.9	280.1	42.2	41.5	-7.3	384.1	999.9	90.9	999.9	87.9	96.
52.3	129.0	15392.5	119.0	-63.3	90.9	278.0	41.0	40.6	-5.7	385.8	999.9	90.9	999.9	89.2	96.
52.9	130.0	15530.4	116.0	-63.5	90.9	278.0	36.8	34.7	-5.2	388.3	999.9	90.9	999.9	90.7	96.
53.5	131.0	15744.9	112.0	-63.5	90.9	271.7	31.2	31.2	-1.3	392.2	999.9	90.9	999.9	91.9	96.
54.1	132.0	15921.1	109.0	-65.0	90.9	271.7	28.6	28.5	-1.8	392.4	999.9	90.9	999.9	92.8	96.
54.7	133.0	16070.4	106.0	-66.6	90.9	274.3	28.9	28.8	-2.2	392.5	999.9	90.9	999.9	93.8	96.
55.2	134.0	16267.9	103.0	-67.4	90.9	283.3	28.1	27.8	-2.0	393.8	999.9	90.9	999.9	94.8	96.
55.7	135.0	16441.5	100.0	-68.4	90.9	283.3	24.4	23.8	-5.0	395.2	999.9	90.9	999.9	95.7	96.
56.4	136.0	16623.7	97.0	-65.3	90.9	290.7	19.8	18.5	-7.0	397.4	999.9	90.9	999.9	96.4	96.
57.1	137.0	16874.1	93.0	-71.0	90.9	290.8	22.0	20.6	-7.9	398.7	999.9	90.9	999.9	97.1	97.
57.8	138.0	17067.7	90.0	-72.2	90.9	287.5	25.0	23.6	-7.5	400.2	999.9	90.9	999.9	98.2	97.
58.6	139.0	17268.0	87.0	-70.8	90.9	286.2	24.6	23.6	-6.8	406.9	999.9	90.9	999.9	99.4	97.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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Table 4. (Continued)

STATION NO. 232  
HOOTHSVILLE, LA6 MAY 1975  
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
59.3	140.0	17546.9	83.0	-70.8	99.9	290.5	18.0*	16.9	-6.3	412.4	999.9	99.9	999.9	103.5	97*
60.1	141.0	17764.4	80.0	-72.2	99.9	288.7	10.4*	9.9	-3.3	413.5	999.9	99.9	999.9	101.0	97*
60.9	142.0	17597.0	77.0	-71.2	99.9	265.7	9.8*	9.7	C.8	420.4	999.9	99.9	999.9	101.4	97*
61.7	143.0	18225.1	74.0	-71.0	99.9	264.8	11.4*	11.3	1.0	425.7	999.9	99.9	999.9	101.9	97*
62.7	144.0	18557.6	70.0	-66.8	99.9	291.7	11.3*	10.6	-4.0	441.6	999.9	99.9	999.9	102.6	97*
63.6	145.7	18423.6	67.0	-65.0	99.9	310.0	7.5*	4.7	-4.8	451.0	999.9	99.9	999.9	103.2	97*
64.5	146.0	19172.4	64.0	-65.9	99.9	63.9	4.0*	-3.6	-1.8	455.2	999.9	99.9	999.9	103.2	97*
65.5	147.0	19394.7	61.0	-64.8	99.9	24.5	4.0*	-1.6	-3.6	463.7	999.9	99.9	999.9	102.8	97*
66.6	148.0	19705.3	58.0	-60.9	99.9	278.5	9.0	8.9	-1.3	479.2	999.9	99.9	999.9	103.5	97*
67.6	149.0	20352.2	55.0	-61.3	99.9	107.5	9.9	-9.5	3.0	485.7	999.9	99.9	999.9	103.4	97*
68.8	150.0	20385.4	52.0	-58.8	99.9	89.7	5.9	-5.9	-0.1	499.2	999.9	99.9	999.9	102.6	97*
69.9	151.0	21750.0	49.0	-58.1	99.9	320.5	4.0	2.5	-3.1	509.4	999.9	99.9	999.9	102.4	97*
71.1	152.0	21157.2	46.0	-57.8	99.9	307.7	3.0	2.3	-1.8	519.3	999.9	99.9	999.9	103.0	97*
72.5	153.0	21564.1	43.0	-56.3	99.9	301.1	6.1	5.2	-3.1	533.3	999.9	99.9	999.9	103.5	97*
73.8	154.7	22047.6	40.0	-56.2	99.9	310.9	6.4	3.1	-5.6	544.8	999.9	99.9	999.9	103.4	98*
75.2	155.0	22714.5	36.0	-55.4	99.9	134.1	5.9	2.6	-5.3	563.6	999.9	99.9	999.9	103.9	98*
76.7	156.0	23272.2	33.0	-53.3	99.9	286.3	2.8	2.7	-0.8	583.2	999.9	99.9	999.9	103.8	98*
78.4	157.0	23691.3	30.0	-49.5	99.9	63.1	3.2	-2.8	-1.4	609.7	999.9	99.9	999.9	104.2	98*
80.1	158.0	24582.2	27.0	-49.1	99.9	320.1	9.8	6.3	-7.5	629.6	999.9	99.9	999.9	104.7	98*
81.9	159.0	25354.3	24.0	-49.7	99.9	72.9	5.7	-5.5	-1.7	649.4	999.9	99.9	999.9	104.9	98*
84.4	160.0	26230.4	21.0	-48.6	99.9	167.5	2.7	-0.6	2.7	677.8	999.9	99.9	999.9	103.9	98*
87.0	161.0	27256.7	18.0	-43.1	99.9	999.9	99.9	99.9	99.9	725.9	999.9	99.9	999.9	999.9	999.9

Table 5

Explanation of Column Headings of Tabulated Sounding Data for  
the AVSSE II Experiment

TIME (MIN)	Time after balloon release.
CNTCT	Contact number.
HEIGHT (GPM)	Height of corresponding pressure surface in geopotential meters.
PRES (MB)	Pressure in millibars.
TEMP (DG C)	Ambient temperature in degrees Celsius. Note: An asterisk indicates that time from release and/or temperature were linearly interpolated.
DEW PT (DG C)	Dew point temperature in degrees Celsius.
DIR (DG)	Wind direction measured clockwise from true north and is the direction from which the wind is blowing.
SPEED (M/SEC)	Scalar wind speed in meters per second. Note: An asterisk indicates that wind quantities are based on an elevation angle that is between 10° and 6°. A double asterisk indicates that the elevation angle is less than 6°.
U COMP (M/SEC)	The E-W wind component, positive toward the east and negative toward the west.
V COMP (M/SEC)	The N-S wind component, positive toward the north and negative toward the south.
POT T (DG K)	Potential temperature in degrees Kelvin.
E POT T (DG K)	Equivalent potential temperature in degrees Kelvin.
MX RTO (GM/KG)	Mixing ratio in grams per kilogram.
RH (PCT)	Relative humidity in percent.
RANGE (KM)	Distance balloon is from release point along a radius vector.
AZ (DG)	Direction toward balloon measured clockwise from true north.

Table 6

List of Missing Soundings

<u>Station</u>	<u>Date/GMT</u>	<u>Reason for Omission</u>
232 Boothville, Louisiana	6/1500	Sounding not taken.
340 Little Rock, Arkansas	7/0300	Thermistor ice coated- data inaccurate.
354 Tinder AFB, Oklahoma	6/1200 6/1500 6/1800 7/1200	Soundings not taken.
22002 Fort Sill, Oklahoma	7/1200	Sounding not taken.

The contact data interpolated for 25-mb intervals are presented following Section V. The column headings are identical to those used for the contact data and are described in Table 5. The soundings are arranged by time and appear in ascending order by station number for each time. The first line of data indicates the surface report which is followed by data from 1000 to 25 mb. In cases where the surface pressure is less than the given 25-mb pressure value, missing data (nines) are indicated for each quantity. This is also done when the sounding terminates before the 25-mb level is reached.

#### V. Synoptic Charts

Synoptic charts for the beginning and ending of the observational period at the surface- and 700-mb levels are presented in Figs. 2-5. These maps are intended to depict the overall synoptic features during the observational period and should be reanalyzed when accuracy is a key factor.

### Acknowledgements

The tasks of processing the AVSSE II data and preparing this report required the efforts of approximately 15 people. The work is often tedious and yet must be performed with great care and speed. The authors are grateful to every person who worked diligently behind the scenes to accomplish this important task.

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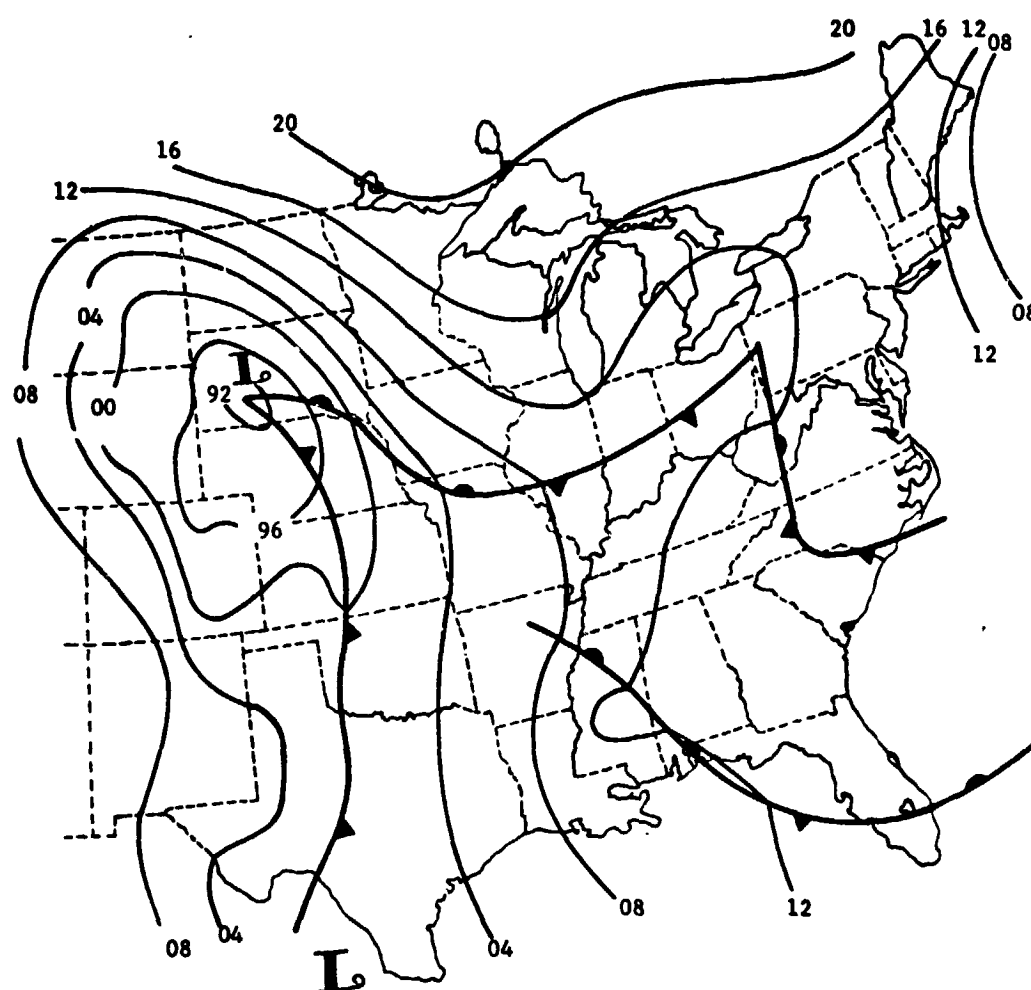


Fig. 2. Synoptic chart for the surface at 1200 GMT, 6 May 1975.

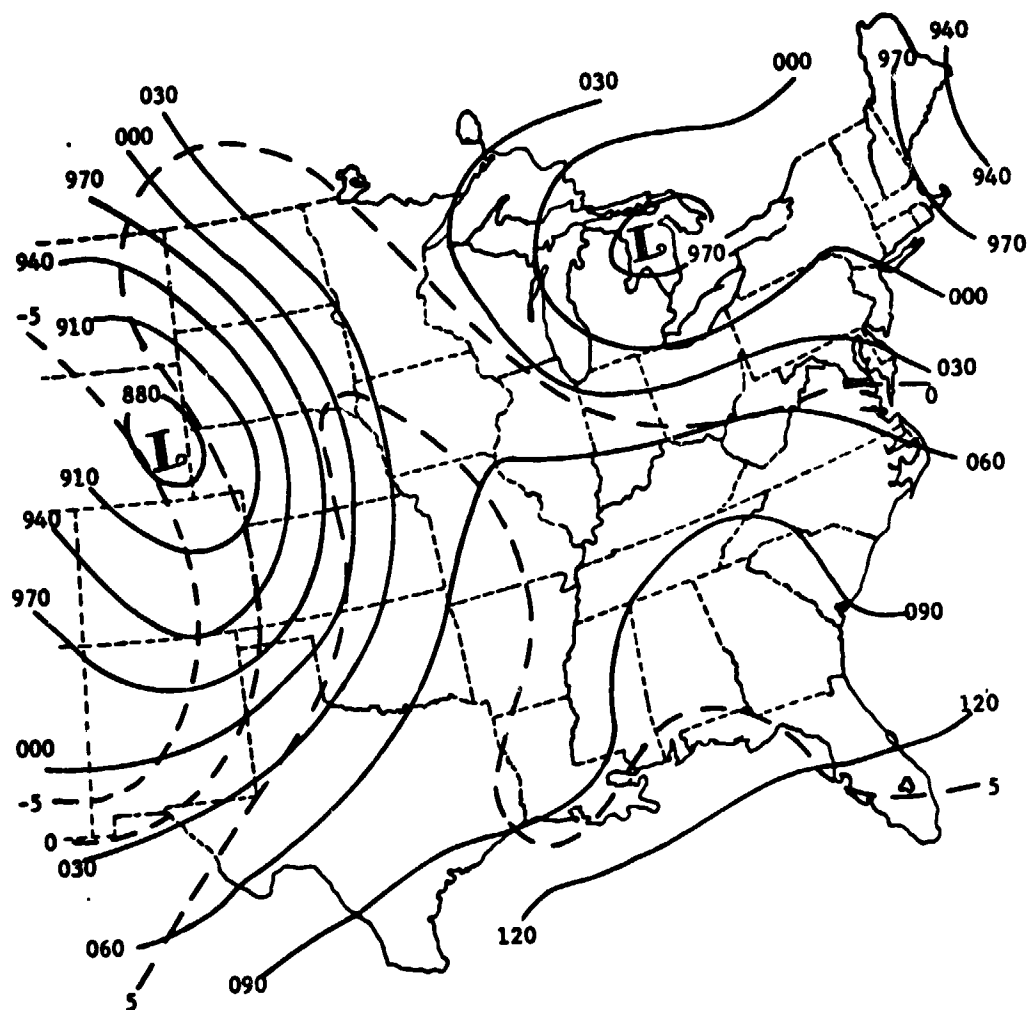


Fig. 3. Synoptic chart for the 700-mb level at 1200 GMT, 6 May 1975.

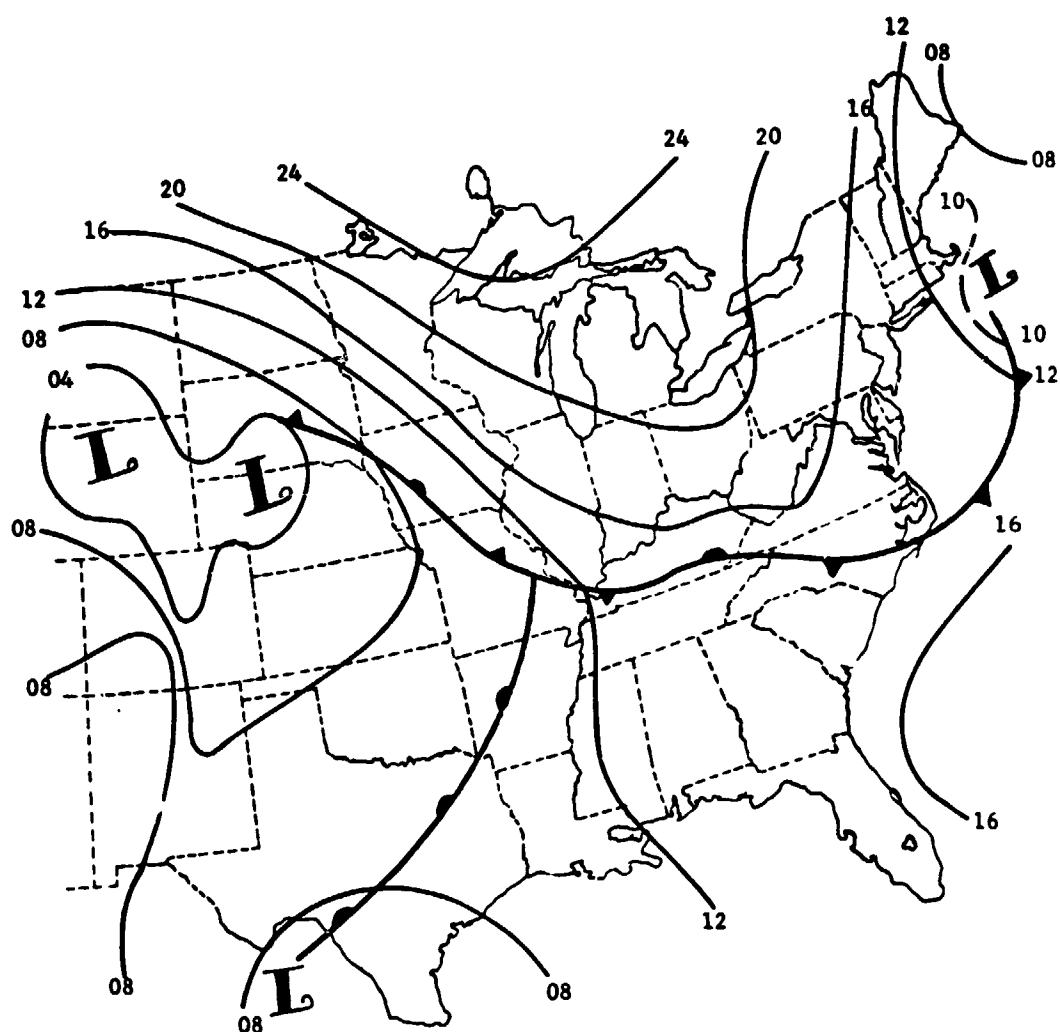


Fig. 4. Synoptic chart for the surface at 1500 GMT, 7 May 1975.  
(1200 GMT chart not available.)

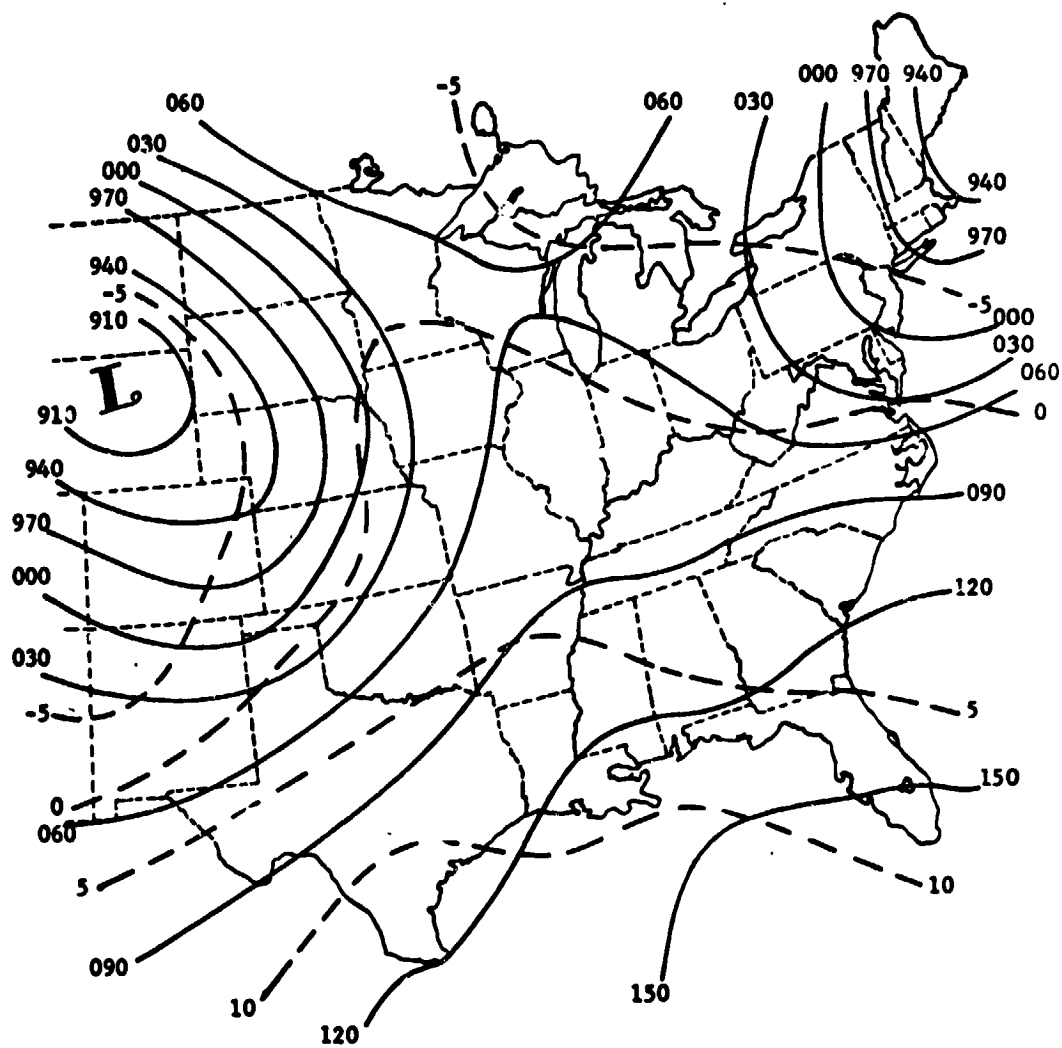


Fig. 5. Synoptic chart for the 700-mb level at 1200 GMT, 7 May 1975.

Sounding Data

6 May 1975

1200 GMT

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 212  
FOOTHILL, LA

6 MAY 1978

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

197 18. 1

TIME MIN	CNTCT	HEIGHT GCM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y L <sup>3</sup> K	E POT Y DG K	XK RYO GM/KG	RM PCT	RANGE KM	AZ DG
0.1	5.0	107.4	107.4	23.9	22.5	170.3	9.2	-0.9	5.1	298.8	344.7	17.3	92.0	0.7	0
0.2	6.0	103.0	103.0	23.7	22.5	26.1	3.7	-1.6	-3.3	299.2	344.9	17.8	9.3	1.0	345.
0.3	6.7	99.0	99.0	23.0	22.7	135.6	2.9	-2.0	2.1	299.5	341.5	16.0	92.0	0.9	342.
0.4	10.0	51.7	95.0	21.2	19.7	169.3	13.1	-2.4	12.9	300.2	339.1	11.2	88.7	1.3	343.
0.5	12.2	74.0	92.0	20.9	11.7	167.4	13.7	-2.0	13.7	301.9	327.4	9.4	95.8	2.3	345.
0.6	15.5	92.0	92.0	20.9	9.1	167.4	13.0	-2.0	17.7	303.9	321.5	6.3	36.5	2.6	346.
0.7	17.7	122.4	87.0	20.7	2.5	169.3	10.6	-2.0	1.7	306.1	321.1	5.2	1.8	3.2	346.
0.8	20.2	147.0	85.0	19.5	-2.3	167.5	9.2	-2.0	9.0	307.1	318.3	3.8	22.9	3.6	347.
0.9	22.5	173.8	82.0	17.7	-5.7	167.3	9.4	-2.0	8.0	307.7	317.2	3.2	20.9	4.1	346.
1.0	25.1	199.2	80.0	15.3	-3.3	141.8	9.4	-5.8	7.4	309.0	319.0	3.7	27.4	4.6	343.
1.1	27.4	226.9	77.0	14.3	-0.7	151.2	9.2	-6.4	6.1	309.7	323.0	3.5	26.3	5.1	341.
1.2	30.1	253.0	75.0	12.0	-3.4	174.7	9.3	-1.0	9.2	310.1	321.4	3.8	32.7	5.6	341.
1.3	32.9	281.0	72.0	10.6	-2.2	192.6	11.5	2.5	11.2	312.5	323.9	4.5	40.5	6.1	343.
1.4	35.4	311.0	70.0	8.7	-0.3	209.4	12.8	6.3	11.2	312.5	323.9	3.4	36.1	6.7	347.
1.5	38.3	341.7	67.0	6.9	-9.7	227.5	12.4	9.1	8.4	313.7	322.0	1.7	29.4	7.2	351.
1.6	40.6	371.9	65.0	4.4	-1.3	236.7	12.5	10.4	6.9	314.7	320.9	5.8	67.9	7.5	356.
1.7	43.4	403.2	62.0	1.9	-3.9	247.4	14.0	12.9	5.4	315.2	321.1	4.6	65.6	7.9	351.
1.8	46.4	436.5	60.0	-0.1	-14.4	267.2	16.7	18.6	1.6	316.2	322.1	2.1	33.0	8.2	351.
1.9	49.4	470.5	57.0	-2.8	-18.3	272.3	23.4	23.4	-0.9	316.9	321.9	1.0	29.1	8.5	351.
2.0	52.3	505.3	55.0	-5.4	-25.3	271.2	25.9	25.9	-0.6	317.7	321.5	1.2	27.4	9.0	351.
2.1	55.4	541.0	52.0	-8.2	-28.5	269.5	26.2	26.2	0.7	317.8	320.8	1.0	27.4	10.0	351.
2.2	58.5	579.1	50.0	-12.6	-28.5	269.6	26.1	26.1	0.2	317.8	321.2	1.0	36.2	11.4	351.
2.3	61.9	618.0	47.0	-16.0	-29.3	271.7	26.4	26.4	-0.8	318.2	321.9	0.8	34.9	12.7	351.
2.4	65.2	659.2	45.0	-17.3	-29.3	272.5	25.9	25.9	-1.1	321.8	321.4	0.2	7.5	14.5	351.
2.5	68.6	701.0	42.0	-19.5	-27.1	271.2	24.9	24.9	-0.5	323.9	321.4	0.1	6.5	16.4	351.
2.6	72.3	744.5	40.0	-21.8	-24.4	279.3	26.5	26.1	-0.1	326.6	321.4	0.1	6.9	18.3	351.
2.7	75.9	793.4	37.0	-25.2	-39.1	285.8	30.8	29.7	-0.4	328.2	320.2	0.3	25.4	20.5	351.
2.8	79.9	843.9	35.0	-28.5	-39.1	285.8	30.8	29.7	-0.4	328.2	320.2	0.3	25.4	22.5	351.
2.9	83.8	895.1	32.0	-34.1	-51.7	283.2	34.9	34.9	-0.3	329.3	320.5	0.1	14.7	23.1	351.
3.0	88.3	951.3	30.0	-37.9	-53.9	280.6	39.9	39.2	-1.4	331.4	320.5	0.1	14.9	24.5	351.
3.1	92.7	1017.2	27.0	-42.4	-53.9	280.6	43.0	42.3	-1.2	333.8	320.3	0.1	14.7	26.5	351.
3.2	97.4	1074.6	25.0	-47.3	-53.9	280.6	44.2	43.1	-0.8	335.8	320.3	0.1	14.7	28.5	351.
3.3	102.3	1143.2	23.0	-52.1	-53.9	280.6	41.3	38.9	-1.0	338.7	320.3	0.1	14.9	30.5	351.
3.4	107.3	1214.2	21.0	-58.0	-53.9	280.6	54.4	52.7	-1.0	341.0	320.3	0.1	14.9	32.5	351.
3.5	113.9	1314.5	17.0	-64.7	-53.9	280.6	50.6	47.9	-1.2	343.1	320.3	0.1	14.9	34.5	351.
3.6	120.7	1394.0	15.0	-68.4	-53.9	277.6	45.6	43.2	-0.8	349.1	320.3	0.1	14.9	36.5	351.
3.7	127.3	1500.0	13.0	-62.4	-53.9	280.6	41.0	41.0	-0.3	351.2	320.3	0.1	14.9	38.5	351.
3.8	135.7	1644.5	12.0	-68.6	-53.9	280.6	24.4	23.8	-0.6	395.2	320.3	0.1	14.9	40.5	351.
3.9	142.7	1814.7	7.0	-71.1	-53.9	280.6	10.8	10.8	-1.0	423.9	320.3	0.1	14.9	42.5	351.
4.0	150.7	2000.0	50.0	-58.4	-53.9	280.6	7.3	7.3	-0.3	506.0	320.3	0.1	14.9	44.5	351.
4.1	158.7	2500.0	25.0	-49.5	-53.9	280.6	3.9	-1.5	-3.6	642.6	320.3	0.1	14.9	46.5	351.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 235  
JACKSON, MISS

6 MAY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	CIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T LG K	E POT Y DG K	MX RTO GM/KG	RM PCY	RANGE KM	AZ DG
00.0	5.0	100.0	908.0	19.0	19.0	40.0	3.7	-2.4	-2.0	200.1	333.2	14.0	100.0	152	27.0
00.9	50.0	90.0	1070.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0.7	6.6	311.6	675.0	18.9	18.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1.6	8.7	525.2	950.0	18.2	17.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
2.3	10.6	754.4	925.0	17.2	16.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
3.2	12.7	900.0	900.0	15.6	14.8	214.2	9.4	5.3	7.0	200.1	333.6	11.0	95.0	90.0	90.0
4.3	14.9	1227.5	875.0	13.8	12.8	215.8	8.0	4.7	6.5	200.1	333.6	11.0	95.0	90.0	90.0
5.5	16.8	1472.2	850.0	12.6	11.4	209.7	11.3	7.3	8.5	301.7	327.0	10.0	92.0	90.0	90.0
6.4	19.1	1723.2	825.0	11.3	10.0	209.7	14.2	7.0	12.3	301.7	327.0	9.4	91.0	90.0	90.0
7.4	21.2	1979.5	800.0	9.1	6.3	194.9	15.5	4.3	15.1	301.7	327.0	7.5	82.0	90.0	90.0
8.6	23.5	2242.0	775.0	6.9	4.4	194.1	18.7	4.1	15.1	301.7	327.0	6.8	83.0	90.0	90.0
9.5	25.9	2411.8	750.0	6.1	3.3	192.1	16.1	4.4	15.1	301.7	327.0	6.8	83.0	90.0	90.0
11.4	29.1	2788.9	725.0	3.8	1.1	175.8	17.1	4.7	16.5	304.0	322.3	6.5	82.0	90.0	90.0
12.5	30.6	3073.9	700.0	2.2	-0.9	197.6	16.1	4.3	16.5	304.0	322.3	5.7	82.0	90.0	90.0
13.6	33.2	3367.1	675.0	0.7	-1.7	201.9	14.5	5.4	16.5	304.0	322.3	5.1	79.0	90.0	90.0
14.5	35.7	3677.3	650.0	-0.4	-2.2	207.2	15.4	7.1	16.5	304.0	322.3	5.0	79.0	90.0	90.0
15.8	38.2	3993.5	625.0	-1.9	-3.6	210.4	13.4	6.8	11.6	310.0	326.2	4.7	80.0	90.0	90.0
16.7	40.9	4319.1	600.0	-3.1	-4.1	212.3	13.7	7.3	11.6	310.0	326.2	4.4	80.0	90.0	90.0
17.9	43.5	4643.6	575.0	-6.1	-8.1	217.1	14.9	9.0	11.6	310.0	326.2	4.4	80.0	90.0	90.0
19.2	46.4	4990.6	550.0	-8.4	-12.7	223.5	16.6	11.4	11.6	310.0	326.2	4.4	80.0	90.0	90.0
20.6	49.4	5350.5	525.0	-10.4	-14.6	224.3	16.6	11.4	11.6	310.0	326.2	4.4	80.0	90.0	90.0
21.7	52.3	5728.5	500.0	-13.0	-17.2	224.8	16.6	11.7	11.6	310.0	326.2	4.4	80.0	90.0	90.0
22.6	55.3	6114.7	475.0	-15.4	-19.8	224.7	17.1	11.9	11.6	310.0	326.2	4.4	80.0	90.0	90.0
23.4	58.4	6510.9	450.0	-18.2	-22.6	226.7	16.1	11.7	11.6	310.0	326.2	4.4	80.0	90.0	90.0
24.0	61.7	6944.5	425.0	-21.5	-26.0	229.7	12.7	9.7	9.2	321.5	325.1	1.1	66.0	90.0	90.0
24.6	65.2	7388.3	400.0	-24.9	-29.4	229.4	9.4	7.2	6.1	321.5	325.1	0.8	65.0	90.0	90.0
25.3	68.6	7853.9	375.0	-26.7	-31.4	231.9	7.7	6.3	4.6	326.3	329.5	0.7	64.0	90.0	90.0
26.0	72.1	8340.6	350.0	-30.5	-35.2	248.7	5.3	4.9	-1.9	329.5	329.5	0.4	61.0	90.0	90.0
27.0	76.7	8871.1	325.0	-34.9	-39.7	291.7	5.3	4.9	-1.9	329.5	329.5	0.4	61.0	90.0	90.0
28.0	81.1	9420.6	300.0	-39.4	-44.9	293.7	6.9	6.1	-2.9	329.5	329.5	0.4	61.0	90.0	90.0
28.6	84.3	10015.0	275.0	-44.3	-49.3	298.7	14.1	13.4	-4.4	331.1	331.1	0.9	99.0	90.0	90.0
31.6	88.5	11647.4	250.0	-49.8	-54.8	286.5	23.6	22.6	-6.7	332.1	332.1	0.9	99.0	90.0	90.0
34.5	93.6	13327.7	225.0	-56.1	-61.1	289.3	29.1	27.5	-9.6	332.6	332.6	0.9	99.0	90.0	90.0
36.0	98.6	15045.7	200.0	-62.0	-67.0	281.6	38.2	17.4	-7.7	334.5	334.5	0.9	99.0	90.0	90.0
38.8	104.2	16911.5	175.0	-65.8	-70.9	273.8	57.3	57.2	-3.8	341.4	341.4	0.9	99.0	90.0	90.0
43.3	110.4	18211.4	150.0	-62.2	-67.4	287.4	47.6	45.4	-14.2	363.0	363.0	0.9	99.0	90.0	90.0
47.2	117.3	19975.3	125.0	-57.7	-60.0	271.1	29.9	29.0	-0.6	391.7	391.7	0.9	99.0	90.0	90.0
51.0	125.5	15359.0	100.0	-60.6	-60.9	279.2	21.5	21.2	-3.4	359.1	359.1	0.9	99.0	90.0	90.0
57.2	135.7	18070.4	75.0	-65.8	-65.9	285.3	6.1	5.9	-1.6	434.9	434.9	0.9	99.0	90.0	90.0
67.3	145.0	23503.9	50.0	-61.8	-61.8	74.7	6.4	-8.1	-2.2	497.9	497.9	0.9	99.0	90.0	90.0
90.0	90.0	50.0	25.0	59.0	59.0	90.0	59.0	90.0	59.0	59.0	59.0	90.0	90.0	90.0	90.0

BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 240  
 LAKE CHARLES, LA

6 MAY 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT FT	PRES MB	TEMP DEG C	DEW PT DEG C	DIR CG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y LG K	E POT Y DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.1	4.5	5.0	1005.9	24.4	22.7	129.0	5.2	-2.6	4.5	293.4	345.2	17.5	96.0	3.0	7.0
0.1	4.3	56.8	1000.0	23.9	22.7	129.0	2.4	7.7	2.3	293.5	345.2	17.7	92.7	1.5	34.2
3.8	6.6	279.3	975.0	23.3	22.3	125.4	4.5	1.2	4.4	301.2	342.7	17.8	94.5	0.7	340.0
1.6	6.7	506.6	957.0	21.8	20.9	124.6	11.3	0.9	11.2	301.5	345.3	18.6	94.5	1.5	348.0
2.2	10.6	738.9	925.0	20.2	19.6	121.7	12.6	2.6	12.4	302.1	344.0	19.7	96.7	1.5	354.0
3.0	12.6	575.7	900.0	18.9	18.2	121.1	11.3	4.1	10.6	302.9	342.5	14.8	95.8	2.1	1.0
3.8	14.9	1218.0	875.0	17.3	16.8	120.6	13.1	5.1	12.1	303.6	341.1	13.9	97.2	2.6	5.0
4.7	16.7	1465.9	850.0	15.5	15.0	120.9	12.8	6.4	11.1	304.1	338.6	12.8	96.9	3.2	9.0
5.5	19.3	1715.6	825.0	14.6	14.1	121.7	15.2	9.7	11.7	305.7	336.4	12.4	96.8	3.9	13.0
6.4	21.1	1980.0	800.0	13.2	12.1	121.6	17.5	11.2	13.5	306.4	334.6	11.2	93.2	4.7	19.0
7.2	23.5	2247.9	775.0	12.2	11.6	122.4	19.2	13.0	12.8	308.4	330.4	11.2	96.1	5.5	22.0
7.9	25.8	2523.0	750.0	11.0	10.5	121.0	17.4	13.8	11.2	310.0	330.0	10.7	96.7	6.1	25.0
8.4	28.1	2816.1	725.0	9.6	9.1	120.2	16.4	14.1	10.4	311.3	330.7	10.1	96.4	6.7	27.0
9.0	30.7	3055.6	700.0	8.1	-25.0	120.3	15.9	14.8	5.3	308.2	312.0	2.0	23.4	7.1	37.0
10.0	33.3	3327.7	675.0	0.2	-37.0	120.6	18.9	17.8	0.3	305.9	306.7	0.2	4.0	7.8	35.0
11.0	35.9	3649.4	650.0	-0.5	-46.8	124.4	22.4	20.6	9.0	303.3	308.6	0.1	1.5	8.9	39.0
11.9	38.7	4011.5	625.0	-2.3	-46.9	120.2	23.9	22.5	6.1	303.8	310.1	0.1	1.7	10.1	43.0
12.9	41.2	4324.7	600.0	-3.4	-47.0	123.2	26.9	25.8	7.4	312.2	312.5	0.1	1.8	11.3	47.0
14.3	44.3	4667.4	575.0	-4.7	-48.7	121.6	28.1	26.7	8.9	318.4	314.7	0.1	1.7	13.1	50.0
15.3	47.3	5006.3	550.0	-5.6	-53.4	123.5	24.9	23.8	7.1	317.5	317.6	0.0	1.0	15.1	53.0
16.7	50.3	5372.9	525.0	-6.9	-54.3	122.5	22.5	22.3	2.6	321.1	320.2	0.0	1.0	16.8	56.0
18.1	53.5	5722.3	500.0	-9.0	-55.0	124.4	20.5	20.4	2.0	322.0	322.2	0.0	1.0	18.5	59.0
19.7	56.7	6146.9	475.0	-12.1	-57.6	120.8	14.1	17.9	2.9	323.0	323.1	0.0	1.0	20.1	61.0
21.1	60.1	6558.1	450.0	-14.8	-59.2	121.3	18.9	18.9	-0.4	324.6	324.7	0.0	1.7	21.5	62.0
22.6	63.6	6987.9	425.0	-17.7	-59.2	120.7	41.8	21.4	-4.0	326.2	326.3	0.0	1.3	23.1	65.0
24.2	67.4	7438.7	400.0	-21.1	-59.6	120.5	28.3	27.8	-5.3	327.5	327.6	0.0	1.4	24.8	68.0
25.8	71.2	7911.7	375.0	-24.9	-60.5	120.7	30.0	29.5	-5.0	328.6	328.7	0.0	2.1	27.4	71.0
27.8	75.3	8419.5	350.0	-29.0	-61.9	120.6	30.8	30.3	-5.7	329.6	329.7	0.0	2.5	31.7	75.0
29.8	79.7	8935.8	325.0	-32.5	-63.4	120.0	35.8	35.3	-5.6	331.8	331.8	0.0	2.9	36.7	79.0
31.8	84.2	9494.5	300.0	-37.0	-69.8	124.0	37.6	37.5	-2.6	333.1	333.3	0.0	7.2	41.4	77.0
34.1	89.3	10385.4	275.0	-42.2	-69.9	124.0	35.7	35.6	-2.6	334.2	334.2	0.0	99.9	43.1	80.0
36.3	94.2	11728.3	250.0	-46.7	-69.9	120.7	34.6	34.0	-2.6	336.7	336.7	0.0	99.9	48.7	83.0
38.5	99.6	11419.6	225.0	-52.1	-69.9	120.6	44.2	43.8	-7.5	338.7	338.7	0.0	99.9	51.2	85.0
41.6	105.5	12172.7	200.0	-57.3	-69.9	120.1	47.8	47.3	-8.4	342.1	342.1	0.0	99.9	61.4	87.0
44.2	111.8	13008.6	175.0	-61.6	-69.9	285.2	31.8	30.7	-8.3	348.3	348.3	0.0	99.9	67.9	88.0
47.5	118.7	13951.9	150.0	-66.3	-69.9	275.3	23.1	23.0	-2.1	355.4	355.4	0.0	99.9	72.8	89.0
51.4	126.3	15049.1	125.0	-67.6	-69.9	272.6	54.9	54.8	-2.8	372.6	372.6	0.0	99.9	81.5	84.0
56.1	134.7	16386.7	100.0	-68.4	-69.9	266.2	24.7	24.6	1.9	355.6	355.6	0.0	99.9	92.6	90.0
61.4	142.7	18115.1	75.0	-71.5	-69.9	12.5	4.7	-1.0	-4.6	423.0	423.0	0.0	99.9	98.2	90.0
69.5	151.7	22601.5	50.0	-60.8	-69.9	24.5	1.7	-7.7	-1.0	500.2	500.2	0.0	99.9	97.6	91.0
81.7	161.3	25039.1	25.0	-48.7	-69.9	321.2	2.3	1.4	-1.3	644.6	644.6	0.0	99.9	98.1	92.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 74K  
SHREVEPORT, LA

6 MAY 1975

ANGLES ON THE PLOT MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

105 20. 1

TIME MIN	CNTCT	HEIGHT CM	PRES MB	TEMP DG C	OCW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT Y DG K	E PUT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	79.0	995.9	20.0	19.3	130.0	3.2	-2.5	2.1	245.3	330.2	13.5	95.0	0.3	99.9
0.5	99.9	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	6.7	263.0	975.0	21.0	17.9	205.0	0.8	-0.3	-0.3	240.1	333.4	13.4	92.4	0.6	31.0
1.4	6.3	488.0	953.0	21.2	15.7	135.4	6.1	-4.3	4.4	303.3	332.1	11.9	70.7	3.7	312.0
2.2	13.9	721.4	925.0	21.3	13.1	158.7	9.2	-3.9	8.3	303.3	330.4	11.8	67.9	1.1	315.0
3.7	13.2	557.7	911.0	19.3	10.5	177.6	9.8	-0.4	9.4	303.3	330.4	11.8	67.9	1.1	315.0
3.8	15.4	1210.2	875.0	17.3	15.9	190.7	10.2	2.4	9.4	303.3	330.4	11.8	67.9	1.1	315.0
4.6	17.5	1489.1	850.0	16.1	14.5	206.3	11.3	5.0	13.2	303.3	330.4	11.8	67.9	1.1	315.0
5.5	20.0	1702.1	825.0	14.6	13.0	217.7	11.4	7.0	9.7	303.3	330.4	11.8	67.9	1.1	315.0
6.5	22.2	1962.5	800.0	13.0	11.3	226.5	10.6	7.7	7.3	303.3	330.4	11.8	67.9	1.1	315.0
7.4	24.7	2224.4	775.0	11.3	9.6	230.9	9.2	7.2	5.8	303.3	330.4	11.8	67.9	1.1	315.0
8.2	27.0	2503.4	750.0	9.8	8.1	232.8	9.5	7.6	5.7	303.3	330.4	11.8	67.9	1.1	315.0
9.1	29.0	2724.7	725.0	7.5	5.4	234.0	9.5	8.3	5.6	303.3	330.4	11.8	67.9	1.1	315.0
10.7	32.0	3073.8	700.0	6.1	2.7	241.2	9.8	8.0	4.7	311.1	329.3	6.7	78.8	4.8	22.0
11.0	35.0	3371.4	675.0	4.4	-2.9	246.2	8.4	7.7	3.4	311.1	329.3	6.7	78.8	4.8	22.0
12.1	37.6	3678.7	650.0	2.9	-2.7	255.3	8.4	8.5	2.2	312.9	327.1	4.6	66.4	5.6	37.0
13.1	40.3	3955.5	625.0	0.9	-0.3	260.6	10.5	10.5	0.6	314.0	325.0	3.8	58.4	6.0	34.0
14.2	43.7	4322.6	600.0	-1.0	-11.3	270.8	11.5	11.5	-0.2	315.3	323.5	2.7	45.2	6.4	40.0
15.4	45.9	4667.9	575.0	-3.4	-18.5	276.6	11.1	11.1	6.7	316.2	320.8	1.4	27.6	7.0	45.0
16.6	48.3	5115.8	550.0	-5.5	-19.0	283.0	10.2	10.1	1.3	317.7	322.7	1.5	33.6	7.6	48.0
17.8	51.9	5375.0	525.0	-6.6	-33.5	286.6	11.3	11.3	0.7	321.5	320.0	0.4	10.0	8.2	51.0
19.1	55.3	5753.7	500.0	-9.7	-37.2	282.2	12.2	12.1	1.7	321.2	320.3	0.3	8.4	9.0	55.0
20.5	58.3	6147.3	475.0	-12.8	-39.1	251.1	13.3	12.8	4.3	322.1	323.2	0.3	10.2	10.0	57.0
21.8	61.7	6557.2	450.0	-15.9	-50.2	255.0	15.0	14.5	3.9	323.2	343.5	0.1	3.4	11.0	58.0
23.2	64.3	6974.8	425.0	-18.6	-52.4	252.1	19.4	18.5	6.0	325.0	325.3	0.1	3.3	12.5	61.0
24.7	68.8	7434.4	400.0	-22.0	-58.5	244.8	17.8	16.1	7.6	326.3	320.5	0.0	2.7	14.2	62.0
26.0	72.5	7906.2	375.0	-25.5	-57.9	235.8	16.3	13.5	9.2	327.7	327.9	0.0	3.0	15.6	61.0
27.7	76.7	8403.2	350.0	-28.8	-59.4	242.7	16.2	14.4	7.4	329.9	330.0	0.0	3.4	17.1	61.0
29.2	81.9	8928.7	325.0	-33.4	-61.8	250.7	17.0	16.7	3.3	330.5	330.0	0.0	3.9	18.6	62.0
30.9	85.2	9455.1	300.0	-38.4	-69.9	267.3	20.2	25.2	0.9	331.2	330.9	0.0	99.9	20.2	64.0
33.0	90.7	10077.5	275.0	-43.1	90.9	265.0	26.6	26.5	2.3	332.8	332.8	0.0	99.9	23.2	67.0
35.7	95.2	10712.5	250.0	-48.4	90.9	261.0	27.4	27.1	4.7	334.1	334.1	0.0	99.9	26.3	69.0
37.1	100.4	11308.9	225.0	-52.9	90.9	262.7	28.7	28.5	3.6	337.4	337.4	0.0	99.9	28.8	70.0
39.4	106.4	12145.6	200.0	-58.1	90.9	267.4	29.6	29.5	1.1	340.8	340.8	0.0	99.9	33.5	72.0
42.3	113.0	12980.6	175.0	-62.5	90.9	270.4	30.8	30.4	5.1	346.9	346.9	0.0	99.9	37.7	73.0
45.7	120.3	13322.2	150.0	-66.5	90.9	253.5	28.6	27.4	8.1	355.5	355.5	0.0	99.9	44.2	74.0
49.4	128.7	15021.8	125.0	-68.5	90.9	269.7	36.3	36.3	0.2	374.6	374.6	0.0	99.9	53.7	75.0
54.0	137.8	16323.5	100.0	-63.2	90.9	264.7	35.0	34.7	3.3	405.7	405.7	0.0	99.9	63.7	77.0
59.4	148.0	19126.8	75.0	-71.9	90.9	267.9	10.6	10.1	-3.2	422.2	422.2	0.0	99.9	67.5	76.0
66.7	159.0	23612.5	50.0	-61.1	90.9	132.9	3.6	-2.6	2.5	454.4	454.4	0.0	99.9	67.0	80.0
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 250  
BROWNSVILLE, TEX

4 MAY 1975

157 35. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	WEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTU GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	7.0	1001.0	26.1	23.4	140.0	6.2	-0.0	4.7	301.7	350.2	18.4	85.0	5.0	351.0
0.3	4.8	15.9	1000.0	25.9	23.5	142.7	3.6	-2.2	2.9	301.6	350.4	18.5	86.3	5.2	351.0
0.6	6.7	237.4	975.0	24.0	22.9	238.1	1.2	0.9	0.7	302.3	353.6	19.6	95.3	7.6	324.0
1.7	9.0	467.4	950.0	22.3	22.3	155.7	12.6	-5.2	11.5	302.3	353.6	18.2	100.7	1.0	330.0
2.4	11.1	700.3	925.0	21.2	20.6	154.3	12.2	-4.3	11.4	303.3	348.5	16.9	97.1	1.7	333.0
3.5	13.4	937.0	900.0	22.1	20.7	163.8	9.8	0.0	8.7	304.8	315.2	3.6	18.7	2.3	337.0
4.4	15.5	1165.6	875.0	28.6	-0.7	200.7	6.4	2.2	6.0	313.6	321.8	3.3	11.5	2.6	342.0
5.4	17.9	1441.3	850.0	26.7	-0.1	202.2	4.4	1.7	4.3	316.6	324.0	3.1	11.9	2.9	346.0
6.3	20.3	1702.9	825.0	23.8	-0.5	208.2	4.8	2.3	4.2	318.3	327.9	4.5	20.2	3.0	349.0
7.4	22.7	1977.1	800.0	21.4	-1.4	217.3	4.3	3.0	3.4	319.5	327.5	4.3	21.8	3.2	353.0
8.5	25.2	2243.5	775.0	19.3	-7.3	194.0	6.1	1.5	5.9	318.6	323.7	2.9	15.8	3.5	355.0
9.5	27.5	2523.8	750.0	17.4	-12.0	150.9	8.2	2.4	7.9	315.7	322.1	2.0	12.3	4.0	357.0
10.7	30.2	2811.3	725.0	14.8	-9.4	208.2	9.1	3.7	8.3	315.0	324.0	2.6	17.0	4.5	357.0
11.8	32.9	3106.1	700.0	11.6	-2.4	209.9	9.1	4.5	7.9	315.9	324.8	4.6	17.9	5.1	357.0
12.8	35.5	3404.4	675.0	8.9	2.4	224.9	9.4	6.6	6.6	316.6	335.5	6.8	23.4	5.6	357.0
13.9	38.3	3727.8	650.0	6.5	-3.8	236.4	8.9	7.3	5.2	316.5	337.3	4.4	27.4	6.2	357.0
15.0	40.9	4041.7	625.0	4.5	-11.0	246.4	8.6	7.9	3.5	317.9	326.2	2.7	31.5	6.4	357.0
16.2	43.9	4372.6	600.0	1.8	-10.8	262.1	9.5	9.4	1.3	318.4	324.7	1.3	18.2	6.7	357.0
17.4	47.1	4713.8	575.0	-1.1	-21.2	258.7	10.1	9.8	2.5	318.8	322.8	1.2	19.9	7.1	357.0
18.7	50.1	5066.4	550.0	-3.9	-24.4	241.9	12.9	11.4	6.1	318.5	322.8	1.0	19.5	7.7	357.0
20.1	53.1	5431.5	525.0	-6.6	-25.1	251.0	15.3	18.5	5.0	320.5	323.7	0.9	21.5	8.7	357.0
21.3	56.3	5811.7	500.0	-9.3	-28.2	262.7	18.2	19.1	2.3	321.4	325.1	1.0	26.1	9.7	357.0
22.7	59.8	6204.9	475.0	-12.6	-21.2	258.2	21.2	20.5	4.3	322.4	327.3	1.5	28.7	10.9	357.0
24.1	63.1	6615.4	450.0	-15.3	-31.8	253.2	22.4	21.3	6.5	324.0	328.0	0.6	22.5	12.5	357.0
25.6	66.9	7045.8	425.0	-18.5	-60.4	258.4	22.1	21.3	5.9	327.8	327.9	0.0	1.3	14.5	357.0
27.3	70.6	7490.6	400.0	-20.3	-62.8	259.4	24.2	21.8	4.5	328.6	328.7	0.0	1.0	16.6	357.0
28.9	74.7	7974.3	375.0	-22.4	-68.2	253.9	28.5	27.4	7.3	331.9	331.9	0.0	1.0	19.0	357.0
30.5	78.4	8477.3	350.0	-26.2	-67.7	253.2	28.6	27.4	6.2	333.3	333.3	0.0	1.0	21.6	357.0
32.6	82.2	9018.2	325.0	-30.9	-55.2	260.2	28.2	27.8	4.8	334.0	334.0	0.1	7.2	24.9	357.0
34.5	87.5	9570.6	300.0	-35.9	-53.2	256.2	31.6	30.1	7.4	334.7	335.7	0.1	14.8	28.3	357.0
36.7	92.4	10167.8	275.0	-41.5	92.9	257.1	29.0	28.3	6.5	335.1	335.1	99.9	99.9	32.0	357.0
39.0	97.4	10819.2	250.0	-45.3	99.9	258.0	34.3	34.8	10.4	336.7	336.7	99.9	99.9	36.3	357.0
41.6	102.8	11502.8	225.0	-51.6	99.9	260.0	36.4	35.8	6.3	339.5	339.5	99.9	99.9	42.2	357.0
44.4	108.6	12256.5	200.0	-57.4	99.9	262.4	42.4	42.0	5.6	341.9	341.9	99.9	99.9	48.8	357.0
47.6	115.2	13093.0	175.0	-59.8	99.9	264.1	38.1	37.9	3.9	351.3	349.9	99.9	99.9	50.7	357.0
51.4	122.3	14048.0	150.0	-64.0	99.9	270.4	35.7	35.7	-0.2	356.8	356.8	99.9	99.9	65.7	357.0
55.5	130.3	15155.1	125.0	-68.0	99.9	252.4	30.3	28.6	9.2	371.8	359.0	99.9	99.9	74.2	357.0
59.0	139.0	16494.5	100.0	-71.7	99.9	294.5	21.0	19.1	-8.7	385.2	385.2	99.9	99.9	81.2	357.0
63.5	146.0	18122.0	75.0	-72.6	99.9	255.0	9.1	8.8	2.4	408.1	399.9	99.9	99.9	84.3	357.0
68.5	155.0	20016.8	50.0	-58.8	99.9	24.3	2.9	-1.4	-2.6	504.9	499.9	99.9	99.9	84.1	357.0
73.4	155.0	20016.8	50.0	-58.8	99.9	24.3	2.9	-1.4	-2.6	504.9	499.9	99.9	99.9	84.1	357.0
78.0	155.0	20016.8	50.0	-58.8	99.9	24.3	2.9	-1.4	-2.6	504.9	499.9	99.9	99.9	84.1	357.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 25E  
VICTORIA, TX

6 MAY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GEM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT DG K	MX RTO GM/KG	RM TCT	RANGE KM	AZ DG
0.1	4.5	33.0	999.7	25.0	22.7	180.0	7.7	3.0	3.7	31.3.6	347.1	17.7	17.7	0.9	0
09.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.8	6.2	253.9	975.0	24.4	23.2	99.9	99.9	99.9	99.9	302.3	351.8	16.7	92.8	99.9	99.9
1.6	8.1	491.8	950.0	23.2	21.9	172.7	6.7	-0.8	6.6	304.1	348.6	17.7	97.9	0.6	348
2.4	10.7	713.9	925.0	23.3	16.9	178.2	8.1	-0.4	8.1	301.8	337.2	13.2	80.7	0.9	350
3.2	11.8	651.1	900.0	23.6	-2.2	168.2	8.7	-2.4	8.3	308.4	318.5	4.2	23.4	1.3	357
4.0	13.3	1137.3	875.0	24.6	-0.4	168.0	7.0	-1.6	6.8	305.7	316.2	2.1	9.7	1.7	348
4.8	15.7	1457.1	850.0	23.7	-11.4	158.6	4.1	1.3	3.9	311.2	316.5	1.8	8.5	2.0	350
5.7	17.7	1709.2	825.0	22.2	-13.4	216.0	9.5	3.2	4.5	312.2	317.4	1.6	8.1	2.1	354
6.5	19.9	1878.9	800.0	22.6	-14.4	222.0	7.1	4.8	5.2	313.3	318.3	1.6	8.3	2.4	359
7.4	21.9	2247.1	775.0	18.0	-16.0	221.7	8.0	5.3	6.0	313.3	317.8	1.4	8.5	2.7	5
8.4	24.1	2525.5	750.0	15.2	-17.7	225.3	7.3	5.5	4.8	313.2	317.3	1.3	8.8	3.1	11
9.3	26.1	2810.9	725.0	12.8	-19.2	242.3	6.8	6.1	3.2	313.6	317.3	1.2	9.1	3.4	15
10.3	28.5	3102.4	700.0	10.2	-20.8	257.4	7.7	7.5	1.6	313.9	317.3	1.0	9.3	3.6	21
11.3	30.3	3408.2	675.0	7.4	-19.8	265.3	9.3	5.3	0.1	314.0	317.8	0.2	12.3	3.9	27
12.2	32.3	3713.4	650.0	4.8	-19.0	276.8	11.5	11.4	-1.4	314.6	318.8	0.3	15.9	4.1	34
13.2	34.7	4018.6	625.0	2.3	-17.9	271.0	14.3	14.3	-0.2	315.3	320.1	0.5	20.7	4.6	43
14.2	36.2	4333.7	600.0	-0.2	-16.7	264.6	16.7	16.0	1.6	316.1	320.4	1.2	21.2	5.2	50
15.3	40.7	4659.9	575.0	-2.7	-15.2	253.5	19.0	19.0	3.6	317.1	323.6	2.0	37.6	6.2	55
16.3	43.3	5049.6	550.0	-5.5	-15.6	245.0	23.7	21.5	10.0	317.8	324.4	2.1	44.6	7.6	58
17.4	46.1	5412.5	525.0	-8.3	-16.7	236.9	28.8	21.3	12.8	318.7	325.0	2.0	50.4	9.1	58
18.7	49.1	5788.9	500.0	-11.6	-16.1	240.6	34.3	27.3	11.4	318.9	320.1	0.4	11.3	11.2	58
19.9	51.9	6191.0	475.0	-13.0	-15.0	251.6	20.7	19.7	6.5	321.9	322.0	0.0	1.0	12.8	59
21.3	55.3	6591.2	450.0	-15.6	-15.8	250.8	24.2	23.5	5.5	321.5	323.6	0.0	1.0	14.5	61
22.6	58.0	7015.9	425.0	-18.9	-15.1	260.0	23.6	23.5	2.1	324.6	324.7	0.0	1.0	16.4	63
23.9	61.4	7471.9	400.0	-21.7	-15.7	267.3	25.2	23.2	1.2	326.7	326.8	0.0	1.0	19.1	66
25.6	65.0	7941.2	375.0	-25.1	-16.9	264.2	29.1	28.9	3.0	328.3	328.4	0.0	1.0	23.6	68
27.0	68.3	8419.7	350.0	-28.0	-18.5	266.7	30.6	30.6	1.8	328.6	329.6	0.0	1.0	23.1	70
28.7	72.0	8863.8	325.0	-32.0	-19.3	263.4	38.7	34.4	4.0	331.2	331.2	0.0	2.0	26.1	72
31.4	76.2	9521.8	300.0	-37.5	-17.7	260.2	38.1	37.5	6.5	332.4	332.0	0.0	10.1	29.8	73
32.2	80.4	10116.7	275.0	-41.8	-19.9	261.9	39.4	39.0	5.6	334.6	334.6	99.9	99.9	34.3	74
34.3	85.0	11754.5	250.0	-47.1	-19.9	261.4	44.5	44.3	6.7	336.0	336.0	99.9	99.9	30.4	75
36.6	90.9	11424.3	225.0	-53.3	-19.9	260.5	50.5	50.3	4.9	336.3	336.3	99.9	99.9	45.7	76
39.2	95.2	12191.5	200.0	-59.0	-19.9	262.2	52.1	51.6	7.1	339.4	339.4	99.9	99.9	53.6	77
42.3	100.9	13724.4	175.0	-61.2	-19.9	266.8	46.5	46.5	2.6	340.0	340.0	99.9	99.9	62.4	78
45.7	107.3	13977.6	150.0	-61.3	-19.9	266.6	38.4	38.3	2.3	344.5	344.5	99.9	99.9	71.1	79
50.9	114.7	15105.1	125.0	-64.3	-19.9	268.4	32.9	32.9	0.9	378.7	378.7	99.9	99.9	81.3	80
54.9	123.3	16454.5	100.0	-70.3	-19.9	258.2	17.8	16.0	-7.9	392.0	392.0	99.9	99.9	80.7	82
60.5	123.0	18125.9	75.0	-78.4	-19.9	264.3	15.5	15.4	1.0	408.6	408.6	99.9	99.9	93.3	83
69.2	143.7	20600.0	50.0	-60.2	-19.9	297.3	8.2	7.3	-3.8	501.8	501.8	99.9	99.9	95.2	83
82.6	159.0	25326.6	25.0	-51.0	-19.9	480.0	5.1	-3.8	-3.4	638.1	638.1	99.9	99.9	95.4	85

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26C  
STEPHENVILLE, TEX

6 MAY 1975

ANGLES ON THE P-1P MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES  
1115 GMT

155 16. 1

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WV RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.9	359.0	950.5	20.7	19.0	140.0	7.2	0.0	7.2	294.4	210.2	10.7	96.0	9.0	10
99.9	99.9	99.9	1460.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.2	1.2	459.4	950.0	20.8	19.4	277.6	1.4	1.4	-0.2	300.3	341.2	10.9	91.3	0.7	4.
1.2	12.3	699.1	925.0	18.6	17.6	184.5	8.4	0.7	6.7	300.2	337.0	13.9	93.9	2.9	6.
2.4	14.5	925.1	900.0	20.3	17.5	192.8	11.0	2.0	11.3	304.3	342.8	14.2	84.9	1.7	5.
3.4	16.6	1170.4	875.0	24.1	-28.4	201.7	10.1	3.7	9.4	309.3	310.7	0.5	2.6	2.4	9.
4.5	18.9	1422.5	850.0	22.9	-36.0	208.7	10.2	4.9	9.0	313.2	310.9	0.2	1.0	3.0	12.
5.4	21.1	1667.6	825.0	21.0	-37.1	221.0	10.7	7.0	6.1	317.8	311.5	0.2	1.0	3.6	16.
6.5	23.5	1945.0	800.0	19.0	-39.3	236.5	9.5	7.9	5.2	311.4	312.0	0.2	1.0	4.1	21.
7.5	25.8	2215.9	775.0	17.2	-39.4	250.3	10.3	9.7	3.5	312.4	312.9	0.2	1.0	4.6	26.
8.6	28.2	2493.6	750.0	14.8	-39.7	257.8	11.5	11.2	2.4	312.7	313.7	0.3	2.1	5.1	32.
9.7	30.9	2778.3	725.0	12.2	-39.7	261.7	12.0	11.9	1.7	312.9	314.6	0.5	4.0	5.6	38.
10.8	33.4	3070.4	700.0	9.4	-39.7	262.1	13.1	13.0	1.8	313.0	315.2	0.7	6.3	6.3	43.
11.9	35.4	3377.1	675.0	6.9	-39.5	264.0	13.9	13.9	1.5	313.4	315.6	0.6	7.0	6.9	48.
13.1	38.6	3678.2	650.0	4.1	-39.7	261.6	15.8	15.7	2.3	313.7	316.5	0.9	11.0	7.9	52.
14.3	41.1	3994.9	625.0	0.9	-39.5	261.3	15.9	15.7	2.4	313.6	316.8	1.0	15.4	8.3	56.
15.5	44.0	4323.8	600.0	-2.2	-39.1	259.5	14.2	17.9	3.3	313.7	317.9	1.3	23.8	10.3	59.
16.7	46.6	4656.9	575.0	-5.4	-38.3	258.9	17.9	17.6	3.5	313.8	318.0	1.6	35.3	11.3	61.
18.1	50.0	5003.9	550.0	-7.3	-34.7	249.3	13.3	12.5	4.7	315.5	318.5	0.9	23.3	12.7	63.
19.4	52.9	5365.2	525.0	-9.5	-35.9	228.0	10.2	7.3	7.5	316.9	317.1	0.0	1.0	13.4	62.
20.7	55.3	5739.7	500.0	-12.2	-37.6	226.4	11.6	8.4	8.0	316.1	318.3	0.0	1.0	14.3	61.
22.1	58.1	6137.4	475.0	-14.3	-39.0	233.2	13.9	11.1	8.3	320.2	320.3	0.0	1.0	15.4	61.
23.7	62.4	6537.9	450.0	-17.2	-60.8	229.3	14.8	11.2	9.6	321.6	321.7	0.0	1.0	16.6	62.
25.2	65.9	6923.6	425.0	-20.5	-60.0	225.5	15.4	11.0	10.8	322.6	322.7	0.0	1.0	18.0	59.
26.8	69.4	7418.8	400.0	-24.4	-65.5	225.5	16.8	12.8	10.9	323.2	323.3	0.0	1.0	19.5	58.
28.5	73.0	7875.5	375.0	-27.9	-67.4	235.4	16.6	14.2	11.2	324.5	324.6	0.0	1.0	21.3	57.
31.3	77.0	8307.4	350.0	-31.6	-70.3	245.3	24.5	22.3	16.2	326.7	326.7	0.0	1.0	23.6	56.
32.0	81.0	8807.6	325.0	-35.6	-73.0	253.6	30.2	28.9	16.5	327.3	327.3	0.0	1.0	26.2	59.
33.9	85.3	9403.0	300.0	-39.7	-69.9	252.6	37.1	35.4	11.1	329.4	329.4	99.9	99.9	30.2	61.
36.3	89.7	10000.1	275.0	-43.7	99.9	250.3	41.7	38.3	14.3	332.0	332.0	99.9	99.9	36.3	63.
39.9	94.6	10602.8	250.0	-49.1	99.9	245.4	44.1	41.3	15.5	333.0	333.0	99.9	99.9	42.2	64.
41.8	98.6	11346.1	225.0	-54.2	99.9	253.9	44.6	42.9	15.4	335.4	335.4	99.9	99.9	49.9	65.
44.9	105.0	12197.1	200.0	-56.5	99.9	261.0	46.4	45.8	7.2	343.3	343.3	99.9	99.9	57.0	67.
48.4	111.3	12937.6	175.0	-58.6	99.9	259.2	37.4	38.7	7.1	353.3	353.3	99.9	99.9	66.5	68.
52.0	117.5	13457.6	150.0	-62.7	99.9	256.5	37.1	38.4	7.4	362.0	362.0	99.9	99.9	74.0	69.
56.2	125.0	15021.1	125.0	-63.3	99.9	263.9	37.9	37.6	4.0	382.3	382.3	99.9	99.9	83.1	71.
61.6	133.1	16393.3	100.0	-64.2	99.9	275.2	26.3	26.2	-2.4	403.8	403.8	99.9	99.9	93.3	72.
67.4	141.3	18142.4	75.0	-66.9	99.9	246.2	10.8	9.6	3.9	432.6	432.6	99.9	99.9	103.5	73.
76.2	157.3	23637.8	50.0	-60.5	99.9	68.9	10.4	-9.7	-3.7	501.0	501.0	99.9	99.9	100.5	74.
89.9	156.5	35009.0	25.0	-50.1	99.9	27.3	4.8	-24.2	-40.3	640.8	640.8	99.9	99.9	98.9	75.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27-1  
DEL RIO, TEX

6 MAY 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

161 25. 1

TIME MIN	CTCT	HEIGHT GFM	PRES MH	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	314.0	666.4	24.3	21.8	130.7	4.6	-3.5	3.0	302.7	348.7	17.3	86.0	0.0	0.0
00.9	99.9	100.0	666.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.0	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	10.7	444.4	550.0	22.6	21.7	286.4	1.4	1.4	-0.4	302.5	348.9	17.5	94.4	0.5	311.0
1.3	13.1	647.0	925.0	21.1	20.3	173.9	6.6	-0.7	6.6	303.1	347.1	16.5	95.1	1.3	321.0
2.3	15.4	835.2	920.0	20.3	19.4	175.6	11.2	-0.8	11.1	304.6	347.6	16.3	95.0	2.3	338.0
3.2	17.8	1175.4	975.0	19.9	19.0	183.7	12.7	0.8	12.7	306.6	350.2	16.1	94.9	3.2	346.0
4.1	20.1	1429.5	850.0	18.6	12.9	210.9	12.3	4.4	11.5	307.1	337.5	11.0	69.4	4.1	351.0
4.9	22.5	1694.6	625.0	18.9	5.3	217.6	12.5	7.6	9.9	309.5	329.1	6.8	40.9	4.9	351.0
5.9	25.2	1945.8	600.0	17.5	-9.3	246.0	10.2	9.3	4.2	310.1	317.4	2.4	15.2	5.9	351.0
7.0	27.6	2219.3	775.0	15.0	-13.8	257.4	10.4	10.2	2.3	310.2	315.5	1.7	12.3	7.0	351.0
8.0	30.2	2465.1	750.0	12.5	-20.7	268.2	10.8	10.8	0.3	310.3	313.4	1.0	8.1	8.0	351.0
9.3	33.0	2778.1	725.0	10.9	-21.7	275.7	9.7	9.6	0.8	311.2	316.5	1.0	11.5	9.3	351.0
10.3	35.6	3079.5	700.0	9.2	-22.7	287.7	10.3	9.0	3.9	312.8	315.7	0.9	8.3	10.3	351.0
11.4	38.4	3360.1	675.0	6.6	-21.2	292.9	10.6	8.1	6.8	313.2	316.5	1.0	11.5	11.4	351.0
12.5	41.1	3677.4	650.0	4.5	-22.5	295.0	12.7	7.4	10.4	314.1	317.3	1.0	11.9	12.5	351.0
13.6	43.1	3953.8	625.0	1.3	-19.4	298.4	14.8	9.2	11.6	314.1	318.3	1.0	11.9	13.6	351.0
14.7	47.1	4221.7	600.0	-1.3	-19.3	294.3	16.6	11.6	11.9	314.8	319.0	1.0	11.9	14.7	351.0
15.9	50.2	4455.2	575.0	-4.1	-23.7	290.4	19.5	14.8	12.7	315.3	318.6	1.0	20.2	15.9	351.0
17.1	53.3	4698.2	550.0	-6.1	-53.8	280.4	17.1	13.1	10.9	316.8	317.0	0.0	1.0	17.1	351.0
19.4	56.4	5377.7	525.0	-8.3	-55.2	224.8	13.4	9.8	5.8	318.4	318.5	0.0	1.0	19.4	351.0
20.3	58.3	5747.1	500.0	-11.2	-57.0	223.8	13.4	9.8	9.7	319.3	319.4	0.0	1.0	20.3	351.0
21.3	60.3	6139.5	475.0	-12.8	-58.7	249.5	16.1	15.1	5.7	323.9	321.0	0.0	1.0	21.3	351.0
22.6	62.7	6547.3	450.0	-16.3	-60.3	259.8	22.1	21.7	3.9	327.2	322.8	0.0	1.0	22.6	351.0
24.0	70.4	7425.9	425.0	-1.2	-61.5	255.1	29.0	28.0	7.5	325.5	325.6	0.0	1.0	24.0	351.0
25.6	78.0	7825.9	400.0	3	-59.4	251.3	30.5	28.9	9.8	327.2	327.3	0.0	2.0	25.6	351.0
27.4	82.0	8394.9	375.0	5	-59.4	248.0	30.6	28.4	11.9	327.8	327.9	0.0	2.0	27.4	351.0
29.3	86.3	8920.1	350.0	9.9	-60.5	244.2	35.8	32.3	15.6	329.8	329.9	0.0	2.0	29.3	351.0
31.3	90.8	9476.8	325.0	-33.5	-48.1	246.4	36.1	35.9	15.7	330.4	331.0	0.1	21.2	31.3	351.0
33.4	95.7	10069.4	275.0	-38.1	-47.0	243.7	41.4	37.4	17.7	331.5	332.2	0.2	38.6	33.4	351.0
35.4	99.7	10732.9	250.0	-43.2	59.5	243.4	41.1	36.7	18.4	332.6	332.6	0.2	38.6	35.4	351.0
37.7	107.5	11773.9	257.0	-48.4	95.9	245.4	47.0	39.0	17.8	334.2	334.2	0.2	38.6	37.7	351.0
40.3	114.3	12146.6	225.0	-51.9	99.9	251.6	47.6	45.5	15.2	339.0	339.0	0.2	38.6	40.3	351.0
42.8	117.8	12942.1	200.0	-57.1	99.9	252.5	48.6	46.3	14.6	342.4	342.4	0.2	38.6	42.8	351.0
45.9	124.7	13836.4	175.0	-61.5	99.9	252.8	48.1	45.9	14.2	344.5	344.5	0.2	38.6	45.9	351.0
49.3	132.1	15063.6	150.0	-61.7	99.9	255.7	43.8	42.5	10.9	343.7	343.7	0.2	38.6	49.3	351.0
53.5	140.3	16415.5	125.0	-63.3	99.9	255.4	43.6	42.4	13.0	340.3	340.3	0.2	38.6	53.5	351.0
58.4	148.3	18128.5	75.0	-67.4	99.9	278.1	26.6	28.3	-4.0	337.5	337.5	0.2	38.6	58.4	351.0
63.7	158.3	21561.9	50.0	-73.2	99.9	252.2	8.4	8.0	2.6	419.6	419.6	0.2	38.6	63.7	351.0
71.5	165.3	24567.4	25.0	-60.7	99.9	282.5	3.2	3.1	-0.7	500.4	500.4	0.2	38.6	71.5	351.0
82.7	165.3	24567.4	25.0	-51.7	99.9	599.9	99.9	99.9	99.9	636.0	636.0	0.2	38.6	82.7	351.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 12  
OF POOR QUALITY

STATION NO. 245  
MIDLAND, TEX

6 MAY 1975

ANGLES ON THE MSL\* MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

157 17. 1

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CMP M/SEC	V CMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.7	272.0	907.6	12.8	-7.2	350.0	6.2	1.1	-6.1	494.3	301.3	2.4	24.0	7.2	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	12.3	544.3	900.0	15.6	-2.4	160.1	2.0	-0.7	1.8	298.1	378.2	3.6	28.9	4.9	171.
1.1	14.5	1142.8	875.0	14.9	-3.4	334.2	6.8	2.9	-6.3	299.7	309.4	3.4	28.0	0.9	170.
2.0	16.4	1427.9	850.0	15.1	-2.3	315.6	12.7	4.2	-5.6	302.4	312.8	3.6	28.5	1.5	163.
2.9	18.6	1683.8	825.0	15.3	-2.8	288.3	11.7	11.1	-7.7	305.3	318.2	3.8	28.5	2.1	151.
3.9	22.7	1942.7	800.0	13.6	-4.1	262.4	10.9	10.8	1.4	308.3	319.6	3.5	28.5	2.5	138.
4.9	22.9	2206.9	775.0	11.3	-5.8	263.8	12.7	12.7	1.4	306.4	319.4	3.2	29.7	2.9	127.
5.7	25.2	2479.5	750.0	9.0	-7.7	256.6	13.3	13.0	3.1	306.7	319.2	2.9	29.8	3.4	116.
6.6	27.4	2759.2	725.0	7.0	-10.4	252.4	17.0	16.2	5.1	307.5	319.2	2.6	29.8	4.0	111.
7.5	29.6	3046.6	700.0	5.1	-10.4	238.8	16.0	14.2	8.6	308.4	319.9	2.5	31.6	4.7	103.
8.5	32.3	3242.2	675.0	2.8	-11.6	225.3	16.5	11.7	11.6	309.0	319.1	2.3	33.7	5.4	94.
9.7	34.3	3466.3	650.0	0.5	-13.1	217.2	17.1	10.3	13.6	309.8	319.1	2.1	35.1	6.2	86.
10.7	37.3	3666.0	625.0	-1.9	-14.3	210.5	16.8	8.5	14.5	310.5	319.7	2.0	36.1	6.9	79.
11.9	41.3	4283.1	600.0	-4.3	-15.2	205.5	14.2	7.8	16.5	311.3	317.4	1.9	42.1	7.7	72.
13.1	42.6	4618.1	575.0	-5.5	-16.3	200.7	23.7	11.5	20.8	313.7	317.4	1.6	42.1	8.7	63.
14.3	45.4	4965.2	550.0	-8.1	-18.6	200.7	23.7	11.5	20.8	313.7	317.4	1.6	42.1	8.7	63.
15.5	48.4	5324.3	525.0	-11.4	-20.4	219.0	22.3	14.0	17.3	314.6	317.6	0.8	27.4	11.9	56.
16.8	51.3	5697.0	500.0	-13.1	-20.0	232.1	21.9	17.3	13.5	317.2	319.4	0.7	24.6	13.5	55.
18.1	54.4	6086.7	475.0	-14.6	-31.8	238.3	24.2	20.6	12.7	319.9	321.8	0.6	21.4	15.3	55.
19.4	57.4	6493.5	450.0	-18.1	-34.6	217.8	26.5	22.4	14.1	322.0	322.0	0.4	21.7	17.3	55.
20.8	60.9	6917.0	425.0	-22.4	-38.3	234.3	35.7	20.8	15.1	320.2	321.4	0.3	22.0	19.5	55.
22.4	64.3	7356.2	400.0	-25.3	-46.6	235.3	31.4	25.8	17.9	323.1	323.1	0.3	22.1	22.3	55.
24.1	67.8	7875.2	375.0	-28.6	-43.5	244.0	35.1	31.5	15.4	323.6	323.6	0.2	22.3	25.5	56.
26.3	71.4	8316.1	350.0	-31.7	-48.1	243.1	40.1	35.8	18.2	325.9	326.5	0.2	22.5	29.7	57.
27.9	75.5	8815.9	325.0	-35.7	-49.4	236.2	42.0	34.1	21.5	327.4	327.4	0.1	22.7	34.7	58.
30.0	79.8	9387.3	300.0	-40.3	99.9	237.7	42.1	35.6	22.5	328.6	99.9	99.9	99.9	39.8	58.
32.2	84.2	9974.5	275.0	-45.2	99.9	240.6	42.4	36.9	20.8	329.7	99.9	99.9	99.9	43.3	56.
34.5	88.8	10674.1	250.0	-49.7	99.9	244.0	41.9	37.7	18.4	332.2	99.9	99.9	99.9	51.3	52.
37.0	94.0	11248.1	225.0	-53.0	99.9	246.9	42.7	39.3	16.8	337.3	99.9	99.9	99.9	57.5	50.
40.1	95.3	12040.5	200.0	-57.1	99.9	243.6	45.9	41.1	20.4	342.4	99.9	99.9	99.9	60.2	60.
43.2	105.5	12882.4	175.0	-58.7	99.9	246.6	39.2	36.8	13.7	353.1	99.9	99.9	99.9	74.3	61.
46.4	112.0	13847.0	150.0	-56.3	99.9	254.6	37.1	35.8	9.8	364.0	99.9	99.9	99.9	81.1	61.
50.3	119.7	14981.7	125.0	-62.4	99.9	259.1	35.6	35.0	6.7	362.0	99.9	99.9	99.9	89.9	63.
55.2	126.7	16344.2	100.0	-65.8	99.9	258.3	28.7	27.9	6.8	404.7	99.9	99.9	99.9	99.3	64.
61.2	134.5	18092.4	75.0	-65.6	99.9	99.9	50.0	-4.1	-2.9	435.4	99.9	99.9	99.9	105.8	65.
69.9	149.5	22095.0	50.0	-60.5	99.9	65.3	3.6	-3.3	-1.5	500.9	99.9	99.9	99.9	104.3	65.
83.9	162.5	25031.0	25.0	-50.1	99.9	342.1	6.3	1.9	-4.0	640.8	99.9	99.9	99.9	103.2	67.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270  
EL PASO, TEX

6 MAY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.2	1193.0	876.0	10.3	-11.6	30.0	3.2	-1.6	-2.8	294.4	499.6	1.8	20.7	30.0	0
0.1	0.0	67.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
0.2	0.0	91.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
0.3	0.0	64.2	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
0.4	0.0	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
0.5	0.0	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
0.6	17.3	1232.6	875.0	10.4	-11.4	25.0	3.2	-1.4	-2.9	294.9	300.2	1.8	20.7	30.0	0
0.7	0.0	142.9	850.0	9.9	-10.0	33.2	5.4	2.7	-4.7	294.8	302.9	2.1	23.5	30.0	0
1.8	22.3	1690.6	825.0	7.6	-11.0	32.1	7.0	4.3	-5.6	294.9	302.9	2.0	25.2	30.0	0
2.6	24.6	1943.1	800.0	5.5	-12.0	31.7	8.2	5.6	-6.0	297.3	302.8	1.9	27.0	30.0	0
3.5	26.9	2201.3	775.0	3.2	-13.5	31.6	10.2	7.6	-6.7	297.4	302.6	1.7	28.1	30.0	0
4.2	29.6	2465.8	750.0	0.7	-13.2	25.1	12.6	11.6	-4.7	297.6	303.0	1.8	34.6	30.0	0
5.2	32.2	2737.4	725.0	-0.3	-8.6	25.9	21.5	21.1	3.8	294.4	307.4	2.8	33.7	30.0	0
6.4	35.3	3018.0	700.0	-1.2	-9.8	23.7	21.6	17.6	12.4	301.5	309.1	2.6	51.6	30.0	0
7.3	37.5	3307.8	675.0	-2.9	-14.0	23.3	25.1	20.1	15.0	303.1	308.8	1.9	40.7	30.0	0
8.3	40.3	3605.9	650.0	-4.9	-14.9	23.8	28.8	23.8	16.2	303.6	307.6	1.3	32.2	30.0	0
9.3	43.3	3913.5	625.0	-6.9	-19.9	24.9	31.4	27.7	14.8	305.7	309.0	1.3	32.7	30.0	0
10.2	46.3	4222.6	600.0	-8.9	-27.3	24.9	31.3	28.5	12.8	308.2	310.6	0.7	17.8	30.0	0
11.2	49.3	4565.9	575.0	-6.9	-30.2	24.5	30.2	28.1	11.1	312.0	313.0	0.5	13.5	30.0	0
12.4	51.9	4911.0	550.0	-8.2	-31.2	23.5	28.8	27.5	8.7	314.4	316.1	0.5	13.6	30.0	0
13.6	55.1	5240.9	525.0	-11.3	-33.6	23.4	28.0	26.9	7.5	314.8	316.2	0.4	13.8	30.0	0
14.9	58.3	5622.7	500.0	-13.3	-35.1	23.0	30.3	26.6	9.4	316.2	318.1	0.4	14.0	30.0	0
16.2	61.4	6031.7	475.0	-15.3	-36.6	22.7	28.3	26.2	10.9	319.3	320.2	0.3	14.1	30.0	0
17.5	64.9	6435.2	450.0	-17.8	-38.5	22.6	28.1	25.9	11.1	320.8	321.9	0.3	14.3	30.0	0
18.9	68.3	6833.2	425.0	-21.0	-40.0	22.7	29.3	26.0	13.4	322.0	322.9	0.2	14.6	30.0	0
20.1	71.7	7317.7	400.0	-24.6	-43.7	23.4	29.8	25.7	15.2	322.9	323.6	0.2	14.9	30.0	0
21.4	75.5	7773.3	375.0	-29.0	-45.4	23.2	28.8	22.2	14.9	323.2	323.4	0.2	17.8	30.0	0
23.1	79.5	8242.3	350.0	-33.3	-48.7	23.1	29.1	24.5	15.8	323.7	324.2	0.1	19.6	30.0	0
24.8	83.5	8776.5	325.0	-38.2	-52.7	23.5	28.2	21.9	14.5	323.9	324.2	0.1	19.9	30.0	0
26.8	87.7	9323.2	300.0	-42.5	-59.9	23.7	27.7	22.0	12.8	325.4	325.6	0.9	99.9	30.0	0
28.8	92.2	9905.4	275.0	-46.2	-66.2	23.9	34.3	29.1	18.2	328.4	328.4	99.9	99.9	30.0	0
31.0	96.9	10534.4	250.0	-50.0	-70.9	23.9	42.0	36.1	21.5	331.2	331.2	99.9	99.9	30.0	0
33.4	101.6	11216.3	225.0	-53.8	-75.9	23.6	48.2	42.7	22.2	336.0	336.0	99.9	99.9	30.0	0
35.9	107.4	11966.3	200.0	-57.5	-80.9	23.8	44.7	39.4	21.1	341.8	341.8	99.9	99.9	30.0	0
38.8	113.3	12807.3	175.0	-58.1	-84.9	23.9	41.5	38.1	16.2	344.0	344.0	99.9	99.9	30.0	0
42.1	119.5	13776.2	150.0	-58.7	-88.9	23.6	40.5	36.9	14.7	348.9	348.9	99.9	99.9	30.0	0
45.9	126.7	14612.5	125.0	-61.2	-90.9	23.3	47.3	44.5	15.0	354.1	354.1	99.9	99.9	30.0	0
50.7	134.7	15290.3	100.0	-61.6	-90.9	23.7	41.3	40.4	8.7	359.7	359.7	99.9	99.9	30.0	0
55.8	142.3	15970.0	75.0	-60.1	-90.9	23.7	11.7	10.8	4.6	434.4	434.4	99.9	99.9	30.0	0
63.9	151.3	23579.7	50.0	-60.5	-90.9	14.3	1.9	-0.5	1.8	501.1	501.1	99.9	99.9	30.0	0
74.0	160.5	35002.0	25.0	-51.3	-90.9	330.3	5.6	2.8	-4.9	637.5	637.5	99.9	99.9	30.0	0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY



STATION NO. 127  
NASHVILLE, TENN

6 MAY 1975  
1115 GMT

199 32. 1

ANGLE ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DUR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RYO CM/KC	RM PCT	RANGE KM	AZ DEG
0.0	6.9	100.0	990.6	13.1	12.9	170.0	3.1	-0.5	2.1	288.3	312.4	9.4	99.0	0.0	0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	7.9	314.5	990.0	15.8	12.7	260.6	2.1	2.1	0.3	222.3	317.1	9.5	81.8	0.4	358
1.6	10.1	835.8	950.0	16.3	11.2	224.7	9.2	6.4	6.5	294.9	318.4	8.9	71.8	0.7	18
2.6	12.2	763.0	925.0	16.3	8.9	226.2	11.4	6.2	7.9	297.0	317.8	7.7	60.9	1.2	31
3.5	14.5	990.2	900.0	15.3	10.3	233.4	8.8	7.1	5.3	295.5	322.2	8.8	72.0	1.8	37
4.6	16.6	1234.9	875.0	14.1	7.8	229.3	8.1	6.1	5.3	293.5	326.5	7.7	68.6	2.3	41
5.6	18.0	1479.1	850.0	12.7	5.1	227.5	8.1	5.9	5.4	301.6	318.3	6.5	56.7	2.8	42
6.6	21.3	1726.6	825.0	11.0	5.4	236.3	7.3	5.9	4.3	301.6	323.5	6.9	60.8	3.3	43
7.7	23.8	1986.3	800.0	9.6	3.4	242.7	6.5	5.8	3.0	302.3	319.9	6.3	67.0	3.7	48
8.8	26.1	2249.1	775.0	7.8	0.7	242.0	5.6	5.6	0.8	302.9	317.6	5.2	60.7	4.0	47
10.3	28.7	2519.1	750.0	6.5	-3.2	278.8	6.4	6.3	-1.0	304.2	315.8	4.0	49.9	4.4	51
11.1	31.3	2756.7	725.0	4.7	-3.0	287.1	7.3	7.0	-2.2	305.2	317.4	4.2	57.2	4.7	56
12.2	34.3	3082.2	700.0	3.2	-3.8	295.3	8.3	8.0	-2.2	306.5	318.6	4.1	60.2	5.2	60
13.5	36.6	3375.7	675.0	0.4	-5.1	277.9	8.5	8.4	-1.2	306.6	318.0	3.9	66.4	5.5	66
14.7	38.4	3677.1	650.0	-2.3	-9.0	278.7	9.2	9.1	-1.4	308.8	315.6	3.0	59.7	6.1	68
15.9	42.1	3987.5	625.0	-4.7	-12.9	286.3	11.3	10.6	-3.7	307.3	314.1	2.3	52.8	6.7	72
17.2	45.1	4307.6	600.0	-7.2	-15.6	298.4	13.2	11.8	-5.9	318.0	313.8	1.9	51.0	7.4	76
18.5	48.1	4638.1	575.0	-8.9	-21.2	299.3	18.0	14.3	-7.8	309.7	313.5	1.2	36.2	8.3	82
19.7	51.1	4987.6	550.0	-11.7	-23.7	303.1	18.6	13.6	-6.3	313.3	313.6	1.0	38.0	9.3	87
21.1	54.4	5335.7	525.0	-13.5	-26.8	307.1	18.1	14.4	-10.9	312.2	314.9	0.8	31.6	10.4	91
22.7	57.6	5706.3	500.0	-14.8	-28.9	306.7	17.9	13.9	-11.2	315.0	317.4	0.7	28.9	11.8	96
24.2	61.1	6093.0	475.0	-18.4	-30.2	312.6	18.4	13.6	-12.5	317.7	319.9	0.6	24.1	13.2	100
25.8	64.7	6498.5	450.0	-19.4	-30.6	314.8	20.7	14.7	-14.6	320.2	322.4	0.7	23.1	14.9	106
27.4	68.2	6942.5	425.0	-21.8	-33.7	311.1	21.5	14.2	-14.1	321.1	322.8	0.5	32.7	16.6	110
29.2	71.9	7363.9	400.0	-25.4	-37.0	307.8	20.7	16.4	-12.6	321.9	323.3	0.4	32.7	18.8	116
31.0	76.3	7831.0	375.0	-28.6	-40.1	306.2	20.4	16.9	-11.4	323.7	324.8	0.3	31.8	21.9	120
32.6	80.1	8321.0	350.0	-32.7	-43.8	297.3	22.0	19.5	-10.1	324.6	325.4	0.2	31.8	23.2	126
34.1	84.5	8839.6	325.0	-36.9	-47.5	293.8	23.1	21.1	-6.3	325.8	326.4	0.2	31.8	26.1	132
35.7	89.3	9387.7	300.0	-40.9	-50.9	291.1	24.3	22.7	-6.8	327.7	329.9	99.9	99.9	29.3	138
37.2	94.3	9973.3	275.0	-45.8	-54.9	287.0	25.9	27.7	-8.5	329.1	330.9	99.9	99.9	33.0	144
38.8	99.9	10601.6	250.0	-50.9	-59.9	284.9	31.9	30.8	-8.2	331.4	333.4	99.9	99.9	37.8	150
40.8	104.5	11279.7	225.0	-55.8	-64.9	287.2	33.4	33.8	-10.5	333.1	335.9	99.9	99.9	43.2	156
42.7	110.6	12019.5	200.0	-61.6	-69.9	291.2	32.6	30.4	-11.8	335.3	339.4	99.9	99.9	49.3	162
44.7	117.0	12837.8	175.0	-66.5	-74.9	300.5	29.5	25.4	-14.9	340.2	344.9	99.9	99.9	55.8	168
46.6	124.3	13769.6	150.0	-64.3	-69.9	307.0	33.1	26.4	-19.9	350.4	350.9	99.9	99.9	63.7	174
48.0	132.7	14883.8	125.0	-62.7	-69.9	300.6	28.7	26.8	-10.1	351.5	351.9	99.9	99.9	71.4	180
49.2	143.0	16273.2	100.0	-61.6	-69.9	283.6	23.3	25.6	-6.2	404.7	359.9	99.9	99.9	78.1	186
50.8	148.3	18061.2	75.0	-61.2	-69.9	277.9	12.0	11.9	-1.6	444.5	360.9	99.9	99.9	83.4	192
52.0	157.0	20374.6	50.0	-59.5	-69.9	81.9	4.3	-4.3	-0.6	503.3	360.9	99.9	99.9	84.9	198
53.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 180  
LITTLE ROCK, ARK

6 MAY 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

157 25. 1

TIME MIN	CNTCT	WEIGHT GEM	PRES MD	TEMP DG C	TEMP DG C	DEW PT DG C	CIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT Y DG K	E POT T L J K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	70.0	997.3	18.9	18.9	18.7	18.0	1.5	0.0	1.5	293.9	325.3	12.1	87.0	2.2	0.0
00.9	90.3	99.9	1200.0	06.9	06.9	06.9	06.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.6	6.9	275.3	975.0	21.2	13.9	288.3	28.3	-0.9	2.8	-0.9	298.1	329.3	11.8	71.8	0.4	1.0
1.1	11.2	507.9	935.0	20.7	13.4	212.6	8.8	4.8	7.4	7.4	307.2	340.3	15.2	92.5	0.5	25.0
1.8	13.6	732.2	925.0	20.0	15.2	206.8	16.2	7.3	14.5	14.5	301.9	342.7	15.4	94.9	1.1	25.0
2.5	15.9	545.1	900.0	19.4	17.5	211.7	15.5	6.2	13.2	13.2	302.3	344.2	14.1	94.5	1.7	26.0
3.1	18.3	1211.1	875.0	17.2	13.6	211.6	15.2	8.0	13.0	13.0	303.4	346.1	12.9	98.1	2.4	28.0
3.9	20.9	1458.9	855.0	16.0	13.1	203.9	15.4	7.4	13.5	13.5	304.5	347.2	12.7	88.2	3.1	29.0
4.5	23.2	1715.9	825.0	14.5	12.6	203.2	13.7	5.4	12.6	12.6	305.4	348.1	11.2	86.4	3.6	28.0
5.2	25.7	1973.2	805.0	13.2	8.8	204.2	12.1	5.0	11.1	11.1	306.4	349.2	8.9	74.6	4.2	27.0
6.0	28.1	2240.3	775.0	12.0	7.6	203.8	9.1	3.7	8.4	8.4	307.8	351.7	8.5	74.5	4.7	27.0
6.7	31.1	2514.4	755.0	9.7	7.6	207.9	6.6	3.1	5.8	5.8	308.3	353.0	8.8	87.1	5.0	27.0
7.6	33.9	2755.4	725.0	7.1	6.2	224.8	6.1	4.3	4.3	4.3	309.3	351.5	8.2	94.0	5.3	27.0
8.4	36.5	3084.6	705.0	6.3	4.3	237.9	6.4	5.4	3.4	3.4	310.5	351.8	7.5	86.7	5.6	29.0
9.2	39.3	3382.2	675.0	3.8	2.1	237.7	5.9	5.0	3.2	3.2	310.7	349.8	6.6	88.9	5.8	30.0
10.0	42.1	3687.8	655.0	1.0	-0.3	235.1	4.8	3.9	2.7	2.7	310.9	327.7	5.8	91.0	6.1	31.0
10.9	45.1	4002.1	625.0	-1.8	-0.5	240.2	4.8	4.1	2.4	2.4	311.0	324.3	4.4	81.5	6.3	32.0
11.8	48.3	4326.6	605.0	-3.4	-1.0	242.9	5.2	4.7	2.4	2.4	311.6	321.6	3.0	60.1	6.5	34.0
12.7	51.3	4661.7	575.0	-5.9	-1.9	249.0	5.8	4.9	3.0	3.0	313.2	317.8	1.5	33.9	6.8	35.0
13.5	54.5	5006.2	550.0	-8.7	-2.0	250.4	6.7	6.3	2.3	2.3	313.8	318.3	1.4	30.6	7.1	36.0
14.5	57.6	5396.8	525.0	-11.8	-1.9	249.3	9.5	9.5	0.1	0.1	314.6	322.1	2.4	24.2	7.4	38.0
15.6	61.7	5740.1	500.0	-12.0	-2.3	279.3	10.8	10.8	10.6	-1.8	316.5	321.7	1.0	31.8	7.1	43.0
16.7	64.8	6131.4	475.0	-14.2	-4.2	280.7	5.7	9.6	-1.3	-1.3	320.4	321.1	0.2	7.1	8.2	47.0
17.8	68.9	6530.3	455.0	-17.3	-4.9	273.5	10.0	10.0	-0.6	-0.6	321.5	322.1	7.2	7.7	8.6	50.0
19.1	71.6	6864.8	425.0	-20.7	-5.7	269.4	14.1	14.1	0.1	0.1	322.3	322.6	0.1	3.3	9.2	53.0
20.3	75.4	7411.6	405.0	-23.6	-6.3	267.6	17.4	17.4	17.4	17.4	324.2	324.2	0.0	1.0	10.2	57.0
21.7	76.5	7878.6	375.0	-27.6	-6.8	257.8	17.7	17.3	3.7	3.7	325.0	325.1	0.0	1.0	11.6	61.0
23.2	83.5	8371.4	355.0	-31.3	-5.3	254.2	16.6	16.0	4.2	4.2	326.5	326.8	0.1	9.7	13.2	62.0
24.9	87.8	8924.3	325.0	-35.2	-6.1	248.1	18.1	17.4	6.9	6.9	328.1	343.2	0.0	4.7	14.8	64.0
26.8	92.4	9435.1	300.0	-39.6	-9.9	255.2	15.0	14.5	3.8	3.8	329.5	349.9	99.9	999.9	16.8	64.0
28.7	97.3	10034.0	275.0	-44.1	9.9	245.1	18.4	16.7	7.8	7.8	331.4	349.9	99.9	999.9	18.7	65.0
31.0	102.0	10666.0	250.0	-49.3	9.9	244.7	21.3	19.3	9.1	9.1	332.8	349.9	99.9	999.9	21.5	65.0
33.4	107.6	11349.1	225.0	-54.1	9.9	244.7	21.0	19.6	7.6	7.6	335.6	349.9	99.9	999.9	24.7	65.0
36.2	113.1	12095.9	200.0	-59.6	9.9	242.9	19.4	17.2	6.8	6.8	338.4	349.9	99.9	999.9	28.0	65.0
39.2	116.3	12928.3	175.0	-64.9	9.9	251.7	18.9	17.9	5.9	5.9	342.9	349.9	99.9	999.9	31.3	65.0
42.6	126.3	13811.8	150.0	-67.1	9.9	244.6	27.8	27.6	2.6	2.6	345.5	349.9	99.9	999.9	35.6	65.0
46.7	137.3	14954.6	125.0	-65.1	9.9	273.4	30.5	30.5	-1.8	-1.8	377.1	349.9	99.9	999.9	42.8	70.0
51.0	140.3	16318.0	100.0	-64.1	9.9	274.1	20.1	20.0	-1.4	-1.4	403.8	349.9	99.9	999.9	48.7	73.0
57.2	147.3	18784.8	75.0	-61.5	9.9	312.5	11.7	8.8	-7.9	-7.9	444.0	349.9	99.9	999.9	54.6	77.0
64.7	156.7	22617.7	50.0	-59.6	9.9	124.3	3.4	-2.8	1.9	1.9	503.3	349.9	99.9	999.9	59.2	79.0
77.2	162.0	25038.1	25.0	-51.4	9.9	99.9	99.9	99.9	99.9	99.9	636.9	349.9	99.9	999.9	999.9	999.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTF. MO

6 MAY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GSP	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U CUMP M/SEC	V CUMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
00.0	00.1	430.0	930.0	17.0	10.5	100.0	3.1	-1.1	2.9	240.5	320.2	12.5	92.0	6.0	0
00.1	00.2	930.0	1000.0	90.0	90.0	90.0	90.0	90.0	50.0	90.0	90.0	90.0	90.0	90.0	90.0
00.2	00.3	90.0	975.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
00.3	00.4	470.7	650.0	10.2	10.3	100.0	7.1	7.1	7.7	267.3	331.3	12.6	92.5	7.1	350
00.4	00.5	110.8	925.0	10.3	10.3	100.0	10.7	10.7	10.7	301.0	330.5	12.6	93.0	10.7	350
00.5	00.6	900.0	900.0	10.7	10.7	100.0	15.0	15.0	13.4	302.5	330.5	13.4	90.0	15.0	130
00.6	00.7	1100.4	875.0	10.0	10.3	220.3	13.2	9.5	10.0	304.3	340.0	13.5	90.0	13.2	190
00.7	00.8	1430.0	850.0	10.5	10.6	220.3	12.5	9.2	9.4	305.1	340.0	13.5	90.0	12.5	290
00.8	00.9	1691.0	825.0	10.1	10.7	230.0	10.2	7.6	6.5	306.1	330.0	13.6	90.0	10.2	300
00.9	01.0	1551.0	800.0	12.0	10.7	230.0	7.9	6.4	6.6	306.3	330.0	13.6	90.0	7.9	330
01.0	01.1	2210.1	775.0	11.8	8.1	250.1	8.2	6.2	5.4	307.7	332.4	13.7	77.7	8.2	330
01.1	01.2	2407.0	750.0	9.9	5.1	220.3	8.9	6.7	5.4	308.3	320.2	13.7	77.7	5.1	300
01.2	01.3	2770.5	725.0	9.1	2.1	232.2	9.1	7.2	5.6	309.3	320.0	13.7	77.7	2.1	300
01.3	01.4	3063.5	700.0	6.3	-1.0	230.5	9.7	7.5	6.2	310.2	320.0	13.7	77.7	6.3	300
01.4	01.5	3301.0	675.0	6.4	-3.4	220.2	9.7	7.0	6.7	311.1	320.2	13.7	77.7	7.0	400
01.5	01.6	3567.4	650.0	2.1	-5.4	210.7	11.4	7.1	6.9	311.8	320.5	13.7	77.7	11.4	400
01.6	01.7	3802.9	625.0	0.1	-9.3	210.0	12.0	7.3	5.8	312.0	320.0	13.7	77.7	12.0	400
01.7	01.8	4001.0	600.0	-2.6	-12.3	200.1	10.7	5.1	5.5	312.4	320.0	13.7	77.7	10.7	400
01.8	01.9	4200.0	575.0	-3.8	-17.5	207.2	10.5	4.0	9.3	313.5	320.0	13.7	77.7	10.5	400
01.9	02.0	4401.0	550.0	-7.4	-14.7	220.3	11.5	7.8	8.5	315.6	320.5	13.7	77.7	11.5	400
02.0	02.1	4593.2	525.0	-9.3	-25.3	230.6	11.4	9.8	6.7	317.3	320.4	13.7	77.7	11.4	400
02.1	02.2	4720.5	500.0	-11.0	-29.3	237.4	12.6	10.6	6.8	318.0	320.0	13.7	77.7	12.6	400
02.2	02.3	4810.7	475.0	-13.3	-32.2	233.3	11.4	9.1	6.8	318.1	320.0	13.7	77.7	11.4	400
02.3	02.4	4925.0	450.0	-16.1	-35.7	230.4	12.5	10.4	6.9	320.5	321.0	13.7	77.7	12.5	400
02.4	02.5	5045.8	425.0	-21.0	-39.0	240.0	14.0	12.5	6.4	322.1	323.3	13.7	77.7	14.0	400
02.5	02.6	5190.1	400.0	-24.5	-40.9	240.6	15.7	14.3	6.5	323.2	324.1	13.7	77.7	15.7	400
02.6	02.7	5300.0	375.0	-27.7	-43.7	240.3	15.8	14.5	5.8	324.0	325.7	13.7	77.7	15.8	400
02.7	02.8	5350.7	350.0	-31.3	-46.7	240.6	16.4	16.5	5.1	324.4	327.0	13.7	77.7	16.4	400
02.8	02.9	5420.0	325.0	-35.9	-49.6	250.2	17.5	18.9	5.0	327.1	327.0	13.7	77.7	17.5	400
02.9	03.0	5490.0	300.0	-40.5	-50.9	250.3	19.0	18.1	5.0	327.3	327.0	13.7	77.7	19.0	400
03.0	03.1	5560.0	275.0	-45.2	-52.2	250.2	19.2	18.9	4.0	329.7	329.7	13.7	77.7	19.2	400
03.1	03.2	5630.0	250.0	-50.2	-55.0	250.6	20.1	19.7	4.0	331.5	331.5	13.7	77.7	20.1	400
03.2	03.3	5700.0	225.0	-55.2	-59.9	250.6	21.1	20.7	4.2	333.0	333.0	13.7	77.7	21.1	400
03.3	03.4	5770.0	200.0	-59.9	-64.5	250.5	21.6	20.9	5.4	337.0	337.0	13.7	77.7	21.6	400
03.4	03.5	5840.0	175.0	-64.5	-69.9	250.0	20.4	19.7	5.3	343.6	343.6	13.7	77.7	20.4	400
03.5	03.6	5910.0	150.0	-69.3	-70.0	260.3	17.8	17.6	5.3	350.2	350.2	13.7	77.7	17.8	400
03.6	03.7	5980.0	125.0	-73.7	-70.0	260.7	23.9	23.9	1.4	370.7	370.7	13.7	77.7	23.9	400
03.7	03.8	6050.0	100.0	-78.0	-70.0	280.2	15.9	15.4	-0.2	412.4	412.4	13.7	77.7	15.9	400
03.8	03.9	6120.0	75.0	-81.7	-70.0	281.1	5.5	5.3	-1.8	443.5	443.5	13.7	77.7	5.5	400
03.9	04.0	6190.0	50.0	-85.9	-70.0	50.0	3.0	-0.4	-3.0	502.4	502.4	13.7	77.7	3.0	400
04.0	04.1	6260.0	25.0	-91.7	-70.0	280.9	3.4	3.3	-1.0	536.3	536.3	13.7	77.7	3.4	400

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 15 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 343  
OKLAHOMA CITY, OKLA

6 MAY 1975  
1115 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

180 210 1

TIME MIN	CNCTY	WEIGHT GEM	PRES MB	TEMP °C	DEW PT °C	DIR °	SPEED M/SEC	U CUMP M/SEC	V CUMP M/SEC	PUT T UG K	F POT T DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
00.1	90.2	302.0	957.0	21.1	19.4	180.0	5.2	0.0	5.2	301.0	279.6	15.0	90.0	5.0	70
00.9	90.9	90.9	1000.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
01.0	90.9	90.9	975.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
01.1	90.9	450.0	950.0	21.4	20.2	320.0	3.0	1.9	-2.1	301.1	303.1	15.0	90.0	0.6	0
01.8	11.3	407.9	925.0	20.3	19.3	250.5	1.0	3.8	0.7	302.2	303.4	15.0	90.0	0.6	0
01.6	13.7	624.9	900.0	18.8	17.2	278.6	1.0	0.2	11.3	302.7	303.4	15.0	90.0	0.6	0
01.5	15.9	1106.9	875.0	16.8	15.6	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
01.4	18.1	1414.1	850.0	16.4	15.4	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
01.3	20.3	1605.3	825.0	17.5	16.4	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
01.2	22.5	1805.5	800.0	18.9	17.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
01.1	24.7	2005.7	775.0	19.4	18.3	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
01.0	26.9	2205.9	750.0	20.9	19.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.9	29.1	2406.1	725.0	22.4	21.3	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.8	31.3	2606.3	700.0	23.9	22.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.7	33.5	2806.5	675.0	25.4	24.3	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.6	35.7	3006.7	650.0	26.9	25.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.5	37.9	3206.9	625.0	28.4	27.3	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.4	40.1	3407.1	600.0	29.9	28.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.3	42.3	3607.3	575.0	31.4	30.3	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.2	44.5	3807.5	550.0	32.9	31.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.1	46.7	4007.7	525.0	34.4	33.3	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.0	48.9	4207.9	500.0	35.9	34.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.9	51.1	4408.1	475.0	37.4	36.3	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.8	53.3	4608.3	450.0	38.9	37.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.7	55.5	4808.5	425.0	40.4	39.3	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.6	57.7	5008.7	400.0	41.9	40.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.5	59.9	5208.9	375.0	43.4	42.3	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.4	62.1	5409.1	350.0	44.9	43.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.3	64.3	5609.3	325.0	46.4	45.3	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.2	66.5	5809.5	300.0	47.9	46.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.1	68.7	6009.7	275.0	49.4	48.3	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.0	70.9	6209.9	250.0	50.9	49.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.9	73.1	6410.1	225.0	52.4	51.3	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.8	75.3	6610.3	200.0	53.9	52.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.7	77.5	6810.5	175.0	55.4	54.3	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.6	79.7	7010.7	150.0	56.9	55.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.5	81.9	7210.9	125.0	58.4	57.3	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.4	84.1	7411.1	100.0	59.9	58.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.3	86.3	7611.3	75.0	61.4	60.3	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.2	88.5	7811.5	50.0	62.9	61.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.1	90.7	8011.7	25.0	64.4	63.3	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0
00.0	92.9	8211.9	0.0	65.9	64.8	270.1	1.0	0.1	11.0	303.0	303.4	15.0	90.0	0.6	0

° BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 143  
ALABAMA, TFM

6 MAY 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

100 100 1

TIME MIN	CHYCT	WEIGHT GFM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	HR 470 GPM/G	RR PCT	RANGE KM	AZ DG
3.7	14.2	1005.0	881.2	3.7	-6.3	280.0	3.6	1.5	0.0	284.9	2.7	48.0	0.3	0
7.9	59.3	59.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	14.7	1153.2	875.0	8.0	-7.5	99.9	99.9	99.9	99.9	299.5	2.5	34.1	99.9	99.9
1.0	16.6	1394.4	850.0	10.7	-8.5	99.9	99.9	99.9	99.9	304.5	2.4	25.1	99.9	99.9
1.9	16.9	1481.9	825.0	8.5	-10.3	99.9	99.9	99.9	99.9	304.1	2.1	25.1	99.9	99.9
2.6	21.0	1495.3	800.0	6.6	-11.9	280.0	18.3	17.4	-5.6	304.1	1.9	25.2	1.9	108
3.5	23.3	2145.0	775.0	4.7	-13.4	276.3	23.7	23.3	-3.0	304.3	1.8	25.5	3.0	107
4.3	25.6	2421.8	750.0	4.2	-11.7	287.5	25.7	23.6	1.1	304.4	2.2	32.1	0.2	103
5.2	27.0	2657.3	725.0	3.6	-10.0	252.9	26.6	25.4	7.8	304.7	2.9	30.2	0.5	99
6.2	30.4	2981.3	700.0	1.7	-12.1	233.1	28.4	25.5	12.5	311.2	2.2	35.0	0.9	91
7.3	33.3	3273.7	675.0	0.7	-13.0	237.9	29.7	23.2	15.8	314.5	1.9	32.6	0.7	84
8.4	35.5	3575.6	650.0	-1.6	-15.4	230.2	31.6	24.3	20.3	314.4	1.6	31.4	10.5	79
9.4	36.1	3891.0	625.0	-3.0	-20.6	223.5	31.4	21.6	22.8	312.9	1.2	28.2	12.2	74
10.5	41.7	4279.9	600.0	-3.9	-18.9	216.1	33.0	19.4	26.7	312.3	1.4	29.0	13.9	69
11.6	43.6	4544.9	575.0	-5.9	-19.7	211.7	35.4	18.6	30.1	312.2	1.3	30.0	15.0	64
12.7	46.4	4891.0	550.0	-9.2	-21.1	210.0	38.0	18.4	29.6	312.1	1.2	30.1	17.8	60
13.9	49.5	5249.8	525.0	-12.2	-22.1	210.0	37.0	20.6	29.4	312.0	0.8	28.6	20.2	57
15.0	52.4	5619.7	500.0	-15.0	-23.0	210.0	33.2	21.9	25.4	310.7	0.7	24.1	22.6	55
16.2	55.4	6172.2	475.0	-16.0	-33.0	223.4	32.0	22.9	23.0	310.2	0.5	24.7	24.7	54
17.6	58.4	6413.3	450.0	-17.9	-34.5	224.0	32.0	22.3	23.0	324.4	0.4	21.6	27.4	53
19.1	62.1	6718.6	425.0	-20.4	-36.2	223.5	32.0	20.5	21.6	324.2	0.4	22.6	30.3	52
20.5	65.6	7244.4	400.0	-24.1	-39.3	225.4	32.0	22.6	22.6	324.0	0.3	22.6	32.7	51
22.1	68.2	7751.4	375.0	-28.0	-42.6	227.5	33.0	25.0	22.9	324.4	0.2	23.0	35.7	51
23.7	72.5	8242.6	350.0	-31.9	-45.9	229.6	29.9	22.8	19.4	324.7	0.2	23.2	39.1	51
25.3	77.0	8760.9	325.0	-36.8	-50.1	226.0	27.5	20.4	16.4	324.3	0.1	23.4	41.8	50
27.1	81.0	9310.7	300.0	-41.1	99.9	227.7	26.6	19.4	17.9	324.3	99.9	99.9	44.7	50
29.0	85.3	9846.8	275.0	-46.3	99.9	228.2	27.4	20.5	18.3	324.3	99.9	99.9	47.8	50
31.1	90.2	10360.6	250.0	-51.4	99.9	225.3	32.6	23.4	22.7	324.7	99.9	99.9	51.2	50
33.3	95.3	11104.6	225.0	-55.4	99.9	223.4	30.7	21.1	23.1	333.6	99.9	99.9	55.8	49
35.8	100.6	11943.0	200.0	-58.5	99.9	230.9	37.0	22.7	23.3	340.1	99.9	99.9	60.9	48
38.7	116.9	12777.4	175.0	-59.9	99.9	237.5	28.3	23.9	15.2	351.1	99.9	99.9	66.2	47
41.6	133.3	13745.5	150.0	-56.0	99.9	236.4	33.3	27.6	18.6	370.2	99.9	99.9	71.5	46
45.1	127.3	14886.9	125.0	-59.4	99.9	258.4	23.6	23.3	4.8	390.6	99.9	99.9	77.6	45
49.3	128.3	16228.1	100.0	-57.6	99.9	251.4	22.9	21.4	7.2	416.4	99.9	99.9	81.9	44
54.7	137.3	18182.7	75.0	-62.7	99.9	266.3	3.5	3.5	0.2	441.5	99.9	99.9	85.2	44
62.3	145.3	21593.7	50.0	-56.3	99.9	262.5	5.0	3.6	3.5	503.8	99.9	99.9	83.7	44
74.0	154.0	25016.3	25.0	-50.4	99.9	349.8	4.1	0.7	-4.0	630.7	99.9	99.9	83.2	43

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 145  
ALBUQUERQUE, N.M.6 MAY 1975  
1115 GMT

TIME MIN	CNTCT	WEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.2	1619.0	811.4	-0.6	-0.8	240.2	3.6	3.1	1.2	287.7	288.1	2.8	87.0	148	11.0
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	907.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.2	22.9	1681.1	825.0	1.1	-7.0	254.7	7.7	7.4	2.1	290.1	297.7	2.7	54.8	0.2	48.
1.1	24.3	1929.6	800.0	0.0	-8.5	261.1	6.7	6.5	1.4	291.5	298.6	2.5	52.6	0.5	71.
2.0	27.9	2161.7	725.0	-2.3	-10.9	277.4	9.4	9.3	-1.2	311.6	297.7	2.1	51.5	1.0	60.
2.8	30.6	2441.1	750.0	-4.9	-13.6	291.7	7.7	7.2	-2.9	311.6	297.7	1.8	49.0	1.4	87.
3.8	33.3	2707.1	725.0	-6.6	-16.1	294.3	10.0	9.2	-4.1	292.4	296.8	1.5	46.9	1.9	95.
4.8	35.9	2980.2	700.0	-8.5	-19.0	291.4	12.7	11.8	-4.7	293.2	296.8	1.2	42.4	2.5	99.
5.6	38.3	3261.8	675.0	-9.8	-24.2	291.7	16.4	15.2	-6.1	284.7	297.1	0.8	29.7	3.7	102.
6.5	41.5	3531.7	650.0	-12.3	-26.4	293.4	15.7	14.4	-6.2	295.1	297.2	0.7	29.7	4.1	103.
7.5	44.4	3850.2	625.0	-14.7	-28.4	291.3	15.8	14.7	-5.7	295.7	297.5	0.6	29.7	5.0	106.
8.5	47.3	4158.0	600.0	-16.6	-31.3	284.3	17.9	17.4	-4.3	296.9	298.4	0.5	26.6	6.0	106.
9.4	50.5	4478.0	575.0	-16.2	-33.5	272.2	21.6	21.6	-0.8	301.1	302.3	0.4	20.7	7.1	105.
10.4	53.6	4811.6	550.0	-17.9	-35.4	261.5	24.7	24.4	3.7	302.8	303.9	0.3	20.7	8.4	102.
11.4	56.6	5158.1	525.0	-19.6	-37.7	252.4	29.2	27.8	8.8	304.9	305.7	0.3	20.0	9.9	92.
12.8	60.7	5519.8	500.0	-20.8	-39.1	246.3	37.1	33.9	14.9	307.6	308.6	0.3	20.1	12.3	92.
14.6	63.6	5899.9	475.0	-20.0	-37.1	243.0	43.3	38.6	19.6	313.2	314.4	0.3	20.0	16.5	85.
16.3	67.0	6299.7	450.0	-21.2	-38.1	240.2	44.2	38.4	22.0	316.5	317.6	0.3	20.1	20.5	80.
17.9	70.5	6720.7	425.0	-22.5	-39.1	243.7	48.0	43.1	21.2	320.1	321.2	0.3	20.2	24.9	77.
19.6	74.1	7164.4	400.0	-24.5	-40.7	241.1	46.4	40.7	22.4	323.2	324.1	0.3	20.4	29.7	74.
21.2	78.2	7630.5	375.0	-28.6	-44.1	235.3	48.5	41.9	24.4	323.7	324.4	0.2	20.7	33.9	73.
23.0	82.2	8120.4	350.0	-32.7	-47.5	239.3	48.1	41.3	24.5	324.6	325.1	0.1	21.1	39.0	71.
25.2	86.2	8636.6	325.0	-36.1	-50.3	241.9	48.1	42.4	22.7	326.9	327.3	0.1	21.3	45.3	69.
26.9	90.9	9119.9	300.0	-40.1	-54.6	240.9	49.7	44.1	22.0	328.9	329.9	0.1	21.3	50.3	69.
29.3	95.5	9778.2	275.0	-44.6	-57.7	240.9	54.0	47.2	21.3	330.6	330.9	0.1	21.3	56.8	68.
31.5	100.3	10410.6	250.0	-49.1	-59.9	240.3	43.8	38.0	21.7	333.1	333.1	0.1	21.3	63.5	67.
33.6	105.4	11094.7	225.0	-53.8	-59.9	227.0	27.0	15.8	18.4	336.0	336.0	0.1	21.3	68.3	66.
36.9	111.0	11854.9	200.0	-51.4	-59.9	241.7	27.5	24.2	12.0	331.5	331.5	0.1	21.3	73.4	65.
40.2	117.3	12715.0	175.0	-56.4	-59.9	224.8	30.6	21.6	21.7	336.8	336.8	0.1	21.3	79.3	64.
43.7	123.7	13130.8	150.0	-57.7	-59.9	226.7	28.7	23.8	16.0	337.7	337.7	0.1	21.3	84.9	64.
48.0	130.4	14675.9	125.0	-58.2	-59.9	254.8	30.4	24.4	6.5	339.6	339.6	0.1	21.3	92.6	63.
53.5	138.3	16246.4	100.0	-55.5	-59.9	246.5	16.4	15.0	6.5	423.6	423.6	0.1	21.3	101.1	64.
59.2	146.0	19060.7	75.0	-61.0	-59.9	189.9	3.8	0.6	3.7	435.0	435.0	0.1	21.3	102.9	63.
68.0	154.7	23590.0	50.0	-58.1	-59.9	210.6	3.1	1.1	2.9	506.7	506.7	0.1	21.3	104.2	63.
80.7	163.7	25300.9	25.0	-53.0	-59.9	272.4	2.4	2.4	-0.1	630.5	630.5	0.1	21.3	104.7	65.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 423  
SALEM, ILL6 MAY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	OIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T CG K	E POT Y DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	5.6	175.0	587.9	15.0	13.2	170.0	2.6	-0.8	2.6	290.4	319.6	9.7	89.0	0.3	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	6.6	287.6	975.3	18.2	14.9	250.9	18.5	17.8	2.1	294.9	333.9	11.1	81.3	0.2	352.
1.1	8.5	511.8	950.0	20.1	17.6	257.0	14.0	12.9	5.4	299.4	335.9	13.5	85.7	0.7	52.
1.6	11.3	741.9	925.0	18.4	15.0	251.2	8.8	8.3	2.8	297.7	337.9	11.7	80.4	1.2	58.
2.7	13.4	977.0	900.0	17.3	11.9	254.6	7.0	6.8	1.6	300.7	337.2	9.8	70.6	1.5	62.
3.5	15.6	1217.8	875.8	16.5	8.4	256.1	3.8	3.7	1.6	302.0	335.8	7.9	58.6	1.8	64.
4.3	17.9	1463.8	850.0	14.1	6.9	255.7	2.4	2.4	0.0	301.9	322.2	7.4	61.5	1.9	55.
5.1	20.3	1715.3	825.0	11.9	6.3	257.9	1.5	1.5	0.3	302.2	322.3	7.3	68.1	2.0	67.
6.0	22.7	1972.3	800.0	9.7	5.8	257.6	3.0	2.5	1.6	302.4	322.5	7.3	76.6	2.1	66.
6.9	25.2	2235.3	775.0	7.3	5.1	251.9	3.9	3.7	1.2	302.6	322.5	7.2	86.0	2.3	66.
7.7	27.6	2504.6	750.0	5.2	4.1	271.9	5.4	5.4	-0.2	303.1	322.2	6.9	92.5	2.5	67.
8.6	30.2	2731.3	725.0	3.2	2.5	276.9	7.1	7.1	-0.9	303.8	321.5	6.3	94.9	2.8	71.
9.5	32.9	3065.1	700.0	0.6	-0.5	270.3	8.6	8.6	-0.1	303.8	318.8	5.3	92.7	3.2	74.
10.5	35.5	3357.0	675.0	-1.0	-2.7	268.1	9.3	9.3	0.3	305.2	318.5	4.6	87.7	3.7	76.
11.5	38.3	3657.3	650.0	-2.7	-13.8	270.9	10.3	10.2	-1.4	306.1	312.4	2.1	42.9	4.3	77.
12.6	41.7	3968.1	625.0	-3.2	-23.5	290.2	12.6	11.4	-4.4	308.9	311.0	0.9	19.0	5.0	82.
13.7	43.5	4285.8	600.0	-5.6	-23.3	294.7	13.7	12.5	-6.7	309.7	312.8	1.0	23.2	5.8	86.
14.8	46.9	4621.9	575.0	-8.1	-28.8	288.2	13.2	11.9	-5.6	310.6	312.6	0.6	17.0	6.6	90.
16.0	50.0	4955.6	550.0	-10.0	-29.7	290.1	11.6	11.1	-4.1	312.2	314.3	0.6	19.4	7.4	93.
17.1	53.0	5327.8	525.0	-12.6	-30.6	292.5	11.4	10.5	-4.3	313.3	315.2	0.6	20.5	8.1	94.
18.2	55.3	5693.9	500.0	-14.1	-32.8	299.4	13.9	12.1	-6.8	315.8	317.5	0.5	18.7	8.9	96.
19.5	58.3	6081.8	475.0	-16.5	-36.4	301.5	15.7	13.4	-8.2	317.5	318.7	0.4	16.0	9.9	99.
20.9	62.6	6486.0	450.0	-19.3	-33.9	305.8	15.2	12.3	-8.9	319.0	323.6	0.5	26.0	11.2	112.
22.3	66.1	6919.1	425.0	-22.0	-38.6	300.8	16.6	14.2	-8.5	320.7	321.8	0.3	20.5	12.4	114.
23.8	69.9	7318.8	400.0	-25.6	-41.5	296.1	17.8	14.0	-7.8	321.6	322.5	0.2	20.9	14.0	116.
25.4	73.9	7816.2	375.0	-28.4	-44.6	295.1	17.7	16.0	-7.5	322.6	323.3	0.2	21.1	15.6	117.
27.2	77.5	8355.3	350.0	-32.8	-46.4	293.9	18.0	16.5	-7.3	324.4	325.0	0.1	21.2	17.8	118.
29.7	81.5	8822.2	325.0	-37.1	-50.0	286.1	21.3	20.4	-5.9	325.4	325.9	0.1	21.4	19.6	120.
31.0	81.7	9375.0	300.0	-41.9	99.9	284.5	20.5	19.9	-5.1	326.4	999.9	99.9	99.9	22.1	127.
33.1	91.4	9922.5	275.0	-46.9	99.9	287.1	21.2	20.3	-6.2	327.3	999.9	99.9	99.9	24.7	137.
35.2	95.1	10377.4	250.0	-51.9	99.9	282.8	25.3	24.7	-5.6	328.9	999.9	99.9	99.9	27.6	137.
37.5	100.3	11252.3	225.0	-57.0	99.9	285.2	26.5	25.6	-6.9	331.2	999.9	99.9	99.9	31.1	107.
40.2	104.0	11942.3	200.0	-59.8	99.9	290.1	29.1	27.3	-10.0	338.1	999.9	99.9	99.9	35.8	137.
43.1	112.0	12819.3	175.0	-63.7	99.9	293.6	28.3	27.5	-6.7	344.9	999.9	99.9	99.9	41.6	107.
46.4	118.7	13755.9	150.0	-66.0	99.9	284.8	38.4	34.3	-9.1	356.4	999.9	99.9	99.9	46.9	106.
50.2	126.3	14878.9	125.0	-62.4	99.9	291.7	38.4	34.3	-9.1	356.4	999.9	99.9	99.9	46.9	106.
55.0	135.3	16270.2	100.0	-59.5	99.9	300.8	15.1	13.0	-7.7	412.8	999.9	99.9	99.9	52.8	107.
61.1	145.5	18077.0	75.0	-59.9	99.9	303.1	13.4	11.3	-7.3	447.4	999.9	99.9	99.9	63.2	127.
69.0	155.5	20423.7	50.0	-57.1	99.9	337.5	4.0	0.2	-4.0	509.0	999.9	99.9	99.9	65.0	109.
80.6	186.3	25952.7	25.0	-50.4	99.9	999.9	99.9	99.9	99.9	999.9	999.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 451  
DULGE CITY, PAN

6 MAY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GSM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.3	791.0	811.6	15.6	3.0	240.0	5.2	5.1	0.9	292.1	317.0	5.6	63.0	7.0	0.
00.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	15.4	898.8	900.0	13.9	-0.1	288.4	11.5	11.9	-3.6	294.4	309.0	4.6	42.3	0.4	132.
1.1	17.7	1136.4	875.0	14.2	-8.3	284.7	11.8	11.4	-3.0	298.9	305.7	2.3	20.1	0.4	115.
1.8	20.1	1380.3	850.0	13.3	-9.0	269.6	11.9	11.9	0.1	300.4	307.1	2.3	20.2	1.4	132.
2.6	22.5	1637.9	825.0	12.4	-7.4	244.1	7.2	6.5	3.2	302.8	309.8	2.7	24.4	1.8	99.
3.4	25.0	1897.9	800.0	10.9	-5.0	213.6	9.4	5.2	7.9	303.1	312.3	3.2	31.0	2.0	99.
4.3	27.3	2152.6	775.0	10.4	-6.8	223.1	15.6	10.7	11.4	305.3	314.1	3.0	29.2	2.5	77.
5.0	30.0	2424.4	750.0	8.5	-8.6	227.0	18.3	13.4	15.5	308.1	315.3	2.7	28.7	3.2	77.
5.9	32.7	2713.1	725.0	5.6	-10.5	226.6	19.8	14.4	13.6	305.9	313.0	2.4	30.2	4.1	66.
6.7	35.4	2984.8	700.0	3.2	-9.9	217.6	21.6	13.1	17.1	304.3	311.1	2.6	37.7	5.2	65.
7.6	38.1	3282.9	675.0	2.0	-9.8	207.1	23.5	10.7	21.0	304.2	316.3	2.7	41.2	6.2	55.
8.6	40.9	3566.3	650.0	-0.5	-12.1	206.0	25.9	12.6	23.7	308.7	315.8	2.3	40.9	7.5	48.
9.5	43.8	3868.4	625.0	-3.2	-14.5	210.6	28.7	14.6	24.7	304.0	315.1	2.0	41.2	9.0	48.
10.6	46.8	4215.8	600.0	-5.8	-18.0	211.1	32.6	16.8	27.9	309.5	314.4	1.5	37.5	10.9	43.
11.6	49.9	4552.4	575.0	-7.1	-24.6	210.6	30.7	18.7	31.5	311.8	314.7	0.9	23.2	13.0	41.
12.8	52.9	4898.2	550.0	-8.8	-23.7	209.9	34.9	19.4	23.8	313.7	317.1	1.0	28.7	15.5	38.
13.0	55.9	5256.2	525.0	-12.4	-22.9	205.5	40.2	19.2	35.3	313.7	317.4	1.1	45.8	18.3	36.
15.1	58.3	5926.9	500.0	-15.2	-30.1	210.0	39.3	19.6	34.0	314.6	316.5	0.6	25.1	21.1	37.
16.3	62.6	6012.2	475.0	-16.7	-37.9	213.9	36.4	20.3	30.2	317.3	318.8	0.5	20.8	23.6	36.
17.8	66.3	6416.5	450.0	-16.5	-35.5	219.0	39.0	24.5	30.3	322.4	323.9	0.4	17.4	27.4	36.
19.2	69.7	6846.5	425.0	-19.9	-36.2	221.7	37.1	24.6	27.7	323.4	324.6	0.3	17.7	30.3	37.
20.7	73.3	7293.3	400.0	-23.1	-40.1	225.8	36.8	26.4	25.7	324.9	325.9	0.3	19.3	33.4	37.
22.2	77.1	7762.3	375.0	-26.5	-42.8	223.7	38.9	26.9	22.1	326.4	327.3	0.2	19.6	37.5	38.
24.0	81.2	8256.9	350.0	-30.8	-46.3	222.5	33.7	28.8	24.8	327.1	327.6	0.2	21.0	40.7	38.
25.6	85.3	8778.9	325.0	-34.7	-49.5	222.3	39.1	26.3	28.9	328.8	329.3	0.1	20.3	44.6	38.
27.6	89.7	9333.1	300.0	-39.0	-53.1	217.6	31.9	19.5	25.3	330.3	331.6	0.1	20.7	48.7	38.
29.6	94.4	9833.8	275.0	-44.0	99.9	209.7	35.6	17.6	30.9	331.5	331.5	99.9	99.9	52.2	38.
31.8	99.2	10556.1	250.0	-49.3	99.9	205.9	31.5	17.8	28.4	332.8	332.8	99.9	99.9	56.5	38.
34.1	104.4	11238.6	225.0	-55.0	99.9	204.9	28.5	18.0	25.8	334.3	334.3	99.9	99.9	60.5	37.
36.6	110.2	11981.7	200.0	-60.6	99.9	212.3	24.9	13.3	21.1	336.5	336.5	99.9	99.9	65.2	36.
39.4	116.0	12806.6	175.0	-62.8	99.9	224.1	22.4	15.6	16.1	340.1	340.1	99.9	99.9	68.8	36.
43.1	123.0	13763.9	150.0	-59.2	99.9	249.5	21.9	25.5	7.7	368.1	368.1	99.9	99.9	74.5	36.
47.0	130.3	14909.4	125.0	-59.4	99.9	223.5	22.2	15.3	16.1	367.4	367.4	99.9	99.9	78.9	36.
51.7	138.0	16350.3	100.0	-54.4	99.9	225.1	19.0	14.4	12.4	422.7	422.7	99.9	99.9	83.4	41.
57.4	146.0	18125.3	75.0	-59.2	99.9	4.8	7.0	-0.6	-6.9	448.8	448.8	99.9	99.9	86.2	41.
65.7	155.3	20656.2	50.0	-59.9	99.9	99.9	99.9	99.9	99.9	502.3	502.3	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 456  
TOPKRA, KAN

6 MAY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
01	6.9	285.0	971.0	19.4	17.7	120.0	3.7	-3.2	1.8	296.8	331.6	13.3	96.0	0.0	0.
02	96.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	8.8	457.1	950.0	19.3	17.8	141.4	14.7	0.4	14.6	298.6	334.7	13.7	96.9	0.3	349.
05	10.7	687.3	925.0	18.9	17.7	155.4	15.5	4.2	14.9	300.5	337.5	14.0	93.1	1.7	2.
06	12.9	922.9	900.0	17.1	16.1	204.5	16.3	6.8	14.9	300.5	337.5	14.0	93.1	1.7	2.
07	15.1	1163.6	875.0	15.7	14.5	201.1	15.4	5.5	14.3	301.7	333.8	11.9	92.0	2.5	15.
08	17.2	1417.7	850.0	15.5	14.0	199.3	14.2	4.7	13.4	304.0	336.4	11.9	90.5	3.2	14.
09	19.5	1664.2	825.0	14.7	11.6	203.5	11.1	4.4	10.2	305.5	334.3	10.5	82.1	3.9	17.
10	21.6	1825.7	800.0	16.5	-8.6	231.5	8.5	4.6	7.1	309.6	317.4	2.6	24.7	4.3	18.
11	23.8	2194.6	775.0	14.4	-8.6	231.5	8.5	6.7	5.1	309.6	317.4	2.6	19.5	4.7	21.
12	26.1	2577.1	750.0	12.2	-10.0	234.6	10.1	8.2	5.9	310.1	317.4	2.4	20.2	5.2	24.
13	28.3	2952.6	725.0	9.4	-10.7	236.0	9.9	8.3	5.4	310.1	317.2	2.3	22.9	5.7	27.
14	30.6	3333.6	700.0	6.6	-11.4	235.1	9.5	7.8	5.5	310.1	317.2	2.3	22.9	5.7	27.
15	32.9	3714.6	675.0	3.7	-12.1	233.0	8.8	7.0	5.3	310.1	316.9	2.2	23.0	6.7	31.
16	35.2	4095.6	650.0	0.8	-12.4	232.4	6.4	5.1	3.9	310.1	316.9	2.2	39.3	7.1	33.
17	37.5	4476.6	625.0	-1.9	-14.6	233.2	6.1	4.2	4.4	310.5	316.6	2.0	37.3	7.4	34.
18	39.8	4857.6	600.0	-5.4	-15.3	213.4	7.7	4.2	6.2	310.5	316.0	1.9	44.8	7.9	34.
19	42.1	5238.6	575.0	-9.3	-17.3	211.1	9.6	5.0	10.0	311.4	313.6	0.6	21.2	9.1	34.
20	44.4	5619.6	550.0	-13.8	-20.6	208.0	11.3	5.3	12.3	314.3	315.4	0.3	10.8	10.0	32.
21	46.7	5999.6	525.0	-17.8	-24.0	199.3	13.1	4.3	15.1	316.3	317.2	0.3	10.2	11.3	31.
22	49.0	6380.6	500.0	-21.7	-27.3	207.8	14.4	6.0	15.1	316.3	317.2	0.3	10.2	12.7	31.
23	51.3	6761.6	475.0	-25.1	-30.6	211.2	16.4	9.5	15.7	317.9	318.7	0.2	9.9	14.3	31.
24	53.6	7142.6	450.0	-28.9	-33.9	219.7	20.2	12.9	15.6	318.8	319.4	0.2	9.9	15.8	33.
25	55.9	7523.6	425.0	-32.8	-37.2	225.8	18.3	17.1	12.8	321.1	321.7	0.2	9.9	17.4	34.
26	58.2	7904.6	400.0	-36.7	-40.5	225.9	20.1	14.4	14.0	322.3	322.8	0.1	10.3	19.3	35.
27	60.5	8285.6	375.0	-40.6	-43.8	225.1	22.5	15.9	15.5	323.2	323.5	0.1	10.6	21.6	36.
28	62.8	8666.6	350.0	-44.5	-47.1	230.8	21.8	16.9	13.6	324.2	324.5	0.1	11.4	23.6	36.
29	65.1	9047.6	325.0	-48.4	-50.4	242.0	22.0	19.4	10.3	325.2	325.5	0.1	16.1	25.6	38.
30	67.4	9428.6	300.0	-52.3	-53.7	249.5	25.3	23.7	8.8	327.4	325.5	99.9	99.9	26.2	41.
31	69.7	9809.6	275.0	-56.2	-57.0	256.3	26.3	25.6	6.2	329.6	325.5	99.9	99.9	28.4	44.
32	72.0	10190.6	250.0	-60.1	-60.9	253.8	23.5	22.6	6.6	331.2	325.5	99.9	99.9	31.2	47.
33	74.3	10571.6	225.0	-64.0	-64.8	254.1	25.1	24.2	6.9	334.1	325.5	99.9	99.9	33.9	49.
34	76.6	10952.6	200.0	-67.9	-68.7	255.9	22.2	21.5	5.4	337.6	325.5	99.9	99.9	37.7	52.
35	78.9	11333.6	175.0	-71.8	-72.6	247.6	22.8	21.1	6.7	346.1	325.5	99.9	99.9	41.2	53.
36	81.2	11714.6	150.0	-75.7	-76.5	249.5	14.6	14.4	6.1	355.9	325.5	99.9	99.9	44.3	55.
37	83.5	12095.6	125.0	-79.6	-80.4	250.8	21.6	20.4	7.1	381.1	325.5	99.9	99.9	47.2	57.
38	85.8	12476.6	100.0	-83.5	-84.3	256.9	13.3	7.3	-11.1	415.6	325.5	99.9	99.9	50.9	60.
39	88.1	12857.6	75.0	-87.4	-88.2	256.9	6.6	6.0	-2.9	447.5	325.5	99.9	99.9	53.7	62.
40	90.4	13238.6	50.0	-91.3	-92.1	256.9	2.4	-0.8	-2.2	506.3	325.5	99.9	99.9	56.6	64.
41	92.7	13619.6	25.0	-95.2	-96.0	256.9	3.5	3.4	0.4	633.9	325.5	99.9	99.9	59.5	66.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 476  
GRAND JUNCTION, COLO

6 MAY 1975  
1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	PH PCT	RANGE KM	AZ DG
0.7	15.6	1474.3	844.0	1.1	-1.1	110.0	1.0	-0.9	0.3	288.4	299.7	4.2	85.0	3.0	2.
99.9	99.9	99.9	1060.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	21.2	1657.4	825.0	1.0	-1.7	99.9	99.9	99.9	99.9	290.2	301.3	4.1	82.4	99.9	99.9
1.3	23.6	1904.6	800.0	0.6	-1.3	99.9	99.9	99.9	99.9	291.0	306.6	3.5	76.2	99.9	99.9
2.7	25.9	2157.5	775.0	-2.8	-6.3	99.9	99.9	99.9	99.9	291.2	299.8	3.1	76.6	99.9	99.9
2.7	28.3	2416.6	750.0	-4.7	-9.1	268.2	11.6	11.6	0.4	291.7	298.9	2.6	71.3	0.9	87.
3.4	30.9	2682.5	725.0	-6.6	-11.0	279.6	10.3	10.1	-1.7	292.5	299.9	2.3	71.2	1.3	89.
4.0	33.4	2955.5	700.0	-9.2	-11.3	286.0	8.8	8.4	-2.5	292.5	299.0	2.3	84.7	1.7	92.
4.7	35.9	3235.7	675.0	-11.5	-13.8	291.6	8.6	8.7	-1.8	293.0	298.6	2.0	83.1	2.1	95.
5.5	38.5	3523.9	650.0	-13.9	-16.4	275.1	10.6	10.5	-0.9	293.5	298.2	1.6	80.6	2.5	95.
6.2	41.1	3821.2	625.0	-14.9	-23.8	274.4	10.4	10.4	-0.8	294.4	298.1	0.9	46.5	3.0	95.
7.1	43.9	4129.0	600.0	-17.1	-25.5	278.0	8.5	8.5	-1.2	294.4	298.8	0.8	47.8	3.5	95.
7.9	46.8	4446.4	575.0	-20.1	-26.1	283.9	7.0	6.8	-1.7	295.5	298.9	0.8	58.7	3.9	95.
8.8	49.8	4774.2	550.0	-23.2	-25.5	290.8	5.5	4.9	-2.5	296.7	299.3	0.9	80.8	4.2	96.
9.7	52.6	5113.5	525.0	-25.7	-26.0	306.2	4.4	3.6	-2.6	297.6	300.2	0.8	92.0	4.5	98.
10.7	55.6	5465.3	500.0	-28.5	-28.6	285.1	4.6	4.1	-1.9	298.4	300.6	0.7	98.7	4.7	100.
11.7	58.6	5830.9	475.0	-31.4	-32.6	272.7	4.7	4.7	-0.2	299.1	303.8	0.5	88.8	5.0	100.
12.7	62.3	6210.7	450.0	-35.0	-36.6	258.0	5.5	5.4	1.1	299.2	303.4	0.4	85.1	5.2	99.
13.8	65.3	6600.8	425.0	-38.5	-39.7	243.1	5.8	5.7	0.7	299.6	303.6	0.3	86.6	5.6	98.
15.3	68.9	7015.5	400.0	-42.7	-42.7	278.9	2.9	2.9	-0.5	299.5	299.9	99.9	99.9	6.0	97.
16.4	72.3	7452.3	375.0	-45.7	-45.7	281.1	2.8	-2.3	-1.5	301.2	299.9	99.9	99.9	5.9	99.
17.8	76.2	7911.3	350.0	-44.5	-44.5	296.2	4.9	4.2	2.6	303.6	299.9	99.9	99.9	5.9	99.
19.6	80.1	8410.8	325.0	-42.8	-42.8	296.9	13.5	11.3	7.4	312.8	299.9	99.9	99.9	6.8	92.
21.6	84.2	8923.5	300.0	-41.7	-41.7	297.6	21.1	17.8	11.3	320.6	299.9	99.9	99.9	8.5	86.
23.8	88.5	9446.2	275.0	-40.3	-40.3	244.5	24.5	22.1	10.6	336.9	299.9	99.9	99.9	11.5	77.
26.5	93.2	10156.7	250.0	-40.7	-40.7	247.2	27.0	24.9	10.4	345.6	299.9	99.9	99.9	15.5	75.
29.1	98.0	10911.0	225.0	-43.2	-43.2	245.7	25.7	23.4	10.6	352.3	299.9	99.9	99.9	19.7	73.
32.0	104.3	11703.4	200.0	-45.0	-45.0	242.6	26.7	18.4	6.5	361.6	299.9	99.9	99.9	23.8	72.
35.5	109.3	12585.9	175.0	-49.4	-49.4	225.4	18.7	13.3	13.2	368.4	299.9	99.9	99.9	27.3	69.
39.3	115.3	13567.9	150.0	-52.2	-52.2	242.7	15.5	13.8	7.1	380.2	299.9	99.9	99.9	31.2	67.
43.6	122.3	14755.8	125.0	-53.0	-53.0	233.1	14.0	11.2	6.4	399.1	299.9	99.9	99.9	34.6	65.
49.0	130.3	16200.9	100.0	-52.8	-52.8	193.4	9.9	2.3	9.6	425.8	299.9	99.9	99.9	37.6	63.
55.8	138.7	18038.4	75.0	-56.0	-56.0	218.1	7.4	4.6	5.8	455.6	299.9	99.9	99.9	40.9	59.
64.7	147.0	20582.9	50.0	-58.6	-58.6	218.1	7.4	4.6	5.8	503.4	299.9	99.9	99.9	42.1	58.
77.4	156.0	24998.4	25.0	-53.0	-53.0	28.4	2.8	-1.3	-2.4	632.2	299.9	99.9	99.9	41.9	60.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 MAY 1975  
1122 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.1	6.3	197.0	991.8	13.0	12.2	50.0	2.1	-2.1	0.0	288.0	311.3	9.1	95.0	166	13.0
00.3	99.3	99.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
0.6	7.7	325.9	975.0	15.2	14.3	184.4	5.2	3.4	5.2	291.8	319.3	10.6	94.7	7.2 3.7	7.2 3.7
1.3	9.9	546.0	950.0	17.5	16.6	204.6	8.1	3.4	7.4	295.0	315.9	7.4	56.0	2.3 3.4	2.3 3.4
2.3	11.9	774.1	925.0	17.3	16.6	212.1	8.4	4.5	7.1	298.0	318.7	7.6	56.5	0.8 1.4	0.8 1.4
3.2	14.2	1077.7	900.3	15.5	14.5	210.4	6.6	3.4	5.7	299.0	320.1	13.9	87.9	1.2 2.1	1.2 2.1
4.1	16.3	1247.0	875.0	13.8	12.8	196.5	7.1	2.0	6.8	303.1	319.5	7.1	56.2	1.6 2.0	1.6 2.0
5.0	18.5	1452.2	850.0	13.8	12.8	208.5	6.5	3.1	5.7	301.5	321.0	7.1	63.6	2.0 2.1	2.0 2.1
6.0	20.5	1743.4	825.0	12.2	11.2	240.9	6.0	5.2	2.9	302.4	321.2	6.8	62.3	2.3 2.4	2.3 2.4
6.9	23.2	2001.1	800.0	11.1	10.2	242.4	7.4	7.3	1.0	303.8	321.7	6.0	78.2	2.6 3.0	2.6 3.0
7.5	25.5	2253.5	775.0	9.4	8.4	264.2	7.3	7.3	0.5	304.5	318.7	5.0	52.0	3.1 4.3	3.1 4.3
8.8	27.9	2536.6	750.0	7.6	6.6	272.8	7.7	7.6	-0.4	305.4	318.2	4.4	50.6	3.4 3.7	3.4 3.7
9.9	30.6	2815.3	725.0	5.8	4.8	289.3	6.8	6.4	-2.2	306.4	317.2	3.7	46.4	4.0 4.9	4.0 4.9
10.9	33.2	3101.8	700.0	3.7	2.7	303.4	6.4	5.2	-3.7	307.5	316.5	2.4	37.6	4.4 5.7	4.4 5.7
12.1	35.7	3394.3	675.0	1.4	-1.4	304.3	7.0	5.6	-4.1	308.0	315.7	1.9	34.2	4.6 5.6	4.6 5.6
13.2	38.4	3699.0	650.0	-1.0	-2.0	301.9	8.2	6.8	-5.4	308.7	314.5	1.9	34.2	4.6 5.6	4.6 5.6
14.3	41.0	4017.1	625.0	-4.1	-5.1	301.9	12.3	8.7	-5.4	308.7	314.5	2.1	46.7	4.6 5.6	4.6 5.6
15.6	43.9	4331.8	600.0	-6.5	-7.5	301.9	13.2	11.4	-6.8	308.7	314.5	2.1	46.7	4.6 5.6	4.6 5.6
16.8	47.0	4662.3	575.0	-9.0	-10.0	301.9	16.3	13.6	-10.0	309.5	313.5	1.2	37.1	5.6 6.9	5.6 6.9
18.7	50.4	5004.9	550.0	-12.1	-13.1	310.2	16.3	12.4	-10.5	309.9	313.7	1.5	35.7	6.9 9.6	6.9 9.6
19.3	53.3	5358.5	525.0	-15.3	-16.3	302.5	16.7	14.1	-9.0	310.1	313.6	1.1	49.0	8.1 17.6	8.1 17.6
20.5	56.1	5733.0	500.0	-18.3	-19.3	300.7	16.7	14.4	-8.5	310.8	313.5	0.5	17.8	9.4 15.3	9.4 15.3
22.2	59.4	6118.3	475.0	-20.9	-21.9	304.4	17.4	14.2	-10.1	317.8	312.4	0.5	20.6	10.8 15.6	10.8 15.6
23.5	62.9	6522.5	450.0	-23.0	-24.0	304.4	19.0	15.3	-11.3	318.7	320.0	0.4	21.3	12.2 13.6	12.2 13.6
24.9	66.3	6944.7	425.0	-25.0	-26.0	310.4	17.4	13.3	-11.3	319.4	320.6	0.3	22.8	13.5 14.9	13.5 14.9
26.5	69.5	7380.0	400.0	-26.5	-27.5	305.5	19.1	15.6	-11.1	320.5	321.5	0.3	23.0	15.3 16.7	15.3 16.7
28.2	73.8	7861.1	375.0	-28.9	-29.9	304.4	20.7	17.1	-11.7	321.9	322.7	0.2	23.2	17.3 18.7	17.3 18.7
30.0	78.3	8345.7	350.0	-31.2	-32.2	302.4	22.5	19.0	-12.1	323.9	324.5	0.2	23.4	19.5 20.9	19.5 20.9
31.9	82.2	8845.4	325.0	-37.0	-38.0	305.4	27.6	22.5	-16.0	325.6	326.0	0.1	23.6	22.3 23.7	22.3 23.7
33.9	86.4	9413.9	300.0	-40.6	-41.6	257.2	31.7	26.2	-10.5	328.2	328.9	99.9	99.9	25.7 27.1	25.7 27.1
35.8	91.4	10073.0	275.0	-45.5	-46.5	285.3	39.6	38.2	-10.5	329.4	329.9	99.9	99.9	34.6 36.0	34.6 36.0
37.8	96.3	10631.1	250.0	-50.9	-51.9	282.0	42.1	41.2	-8.8	330.5	330.9	99.9	99.9	41.0 42.4	41.0 42.4
40.2	101.9	11309.4	225.0	-55.5	-56.5	284.3	43.7	42.4	-10.8	333.5	333.9	99.9	99.9	48.6 50.0	48.6 50.0
42.5	107.9	12048.8	200.0	-61.9	-62.9	294.4	41.9	38.2	-17.3	334.8	334.9	99.9	99.9	53.6 55.0	53.6 55.0
45.4	114.3	12867.7	175.0	-66.3	-67.3	303.1	33.6	28.1	-18.4	340.6	340.6	99.9	99.9	58.4 59.8	58.4 59.8
47.5	121.3	13605.0	150.0	-64.9	-65.9	293.6	53.6	49.3	-21.5	358.2	358.2	99.9	99.9	67.0 68.4	67.0 68.4
52.4	129.3	14317.1	125.0	-64.2	-65.2	294.8	28.1	27.5	-11.8	378.6	378.6	99.9	99.9	73.8 75.2	73.8 75.2
56.8	137.7	16284.5	100.0	-64.4	-65.4	283.1	23.6	1.7	-6.2	403.4	403.4	99.9	99.9	79.1 80.5	79.1 80.5
62.6	146.5	18351.8	75.0	-64.7	-65.7	262.6	9.9	7.8	1.3	437.3	437.3	99.9	99.9	81.8 83.2	81.8 83.2
70.0	156.3	20541.8	50.0	-59.1	-60.1	34.1	5.4	-3.0	-4.4	504.3	504.3	99.9	99.9	81.8 83.2	81.8 83.2
81.3	166.5	24950.3	25.0	-53.0	-54.0	80.5	5.1	-5.1	-0.0	632.4	632.4	99.9	99.9	81.8 83.2	81.8 83.2

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2202  
FT. SILL, GMLA

6 MAY 1975  
1110 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	POT F DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.1	9.2	362.0	965.0	21.3	19.8	170.0	8.0	-1.4	7.9	30.0	36.4	15.3	91.0	6.0	0.
0.9	95.9	92.9	1045.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.3	10.1	453.1	950.0	20.5	19.0	143.0	8.6	0.5	8.5	30.0	36.4	15.6	96.6	6.2	34.4
1.1	12.1	685.2	925.0	19.4	18.0	167.9	9.2	1.3	9.1	32.1	38.5	15.0	96.6	6.5	35.6
2.1	14.4	92.4	900.0	18.2	17.1	222.1	11.0	4.1	10.2	32.1	38.5	15.0	96.6	6.5	35.6
2.9	16.4	1162.9	875.0	18.6	17.5	221.9	15.8	10.6	11.8	33.0	39.0	15.0	96.6	6.5	35.6
3.7	18.7	1412.8	850.0	19.3	18.5	221.1	19.3	15.7	12.1	37.8	39.0	15.0	96.6	6.5	35.6
4.7	20.3	1645.4	825.0	19.0	18.0	223.0	19.0	13.0	13.9	39.0	39.0	15.0	96.6	6.5	35.6
5.6	23.3	1931.7	800.0	15.1	7.3	219.7	16.7	10.5	13.0	39.0	39.0	15.0	96.6	6.5	35.6
6.7	25.6	221.4	775.0	13.7	4.1	211.1	17.9	9.2	15.3	39.0	39.0	15.0	96.6	6.5	35.6
7.7	28.0	2475.7	750.0	12.0	-2.2	217.7	19.0	11.0	15.0	39.0	39.0	15.0	96.6	6.5	35.6
8.6	30.6	2758.4	725.0	9.3	-5.1	222.8	18.5	12.6	13.6	39.0	39.0	15.0	96.6	6.5	35.6
9.7	33.2	3047.8	700.0	6.7	-6.9	221.9	18.0	12.0	13.4	39.0	39.0	15.0	96.6	6.5	35.6
10.8	35.7	3345.2	675.0	4.2	-9.5	217.4	16.5	10.0	13.1	39.0	39.0	15.0	96.6	6.5	35.6
11.8	38.4	3650.9	650.0	1.6	-11.3	212.2	14.9	8.0	12.6	39.0	39.0	15.0	96.6	6.5	35.6
12.9	41.7	3965.5	625.0	-0.9	-13.8	212.4	13.3	7.1	11.3	39.0	39.0	15.0	96.6	6.5	35.6
13.1	43.9	4290.7	600.0	-3.9	-14.2	216.5	13.2	7.8	10.6	39.0	39.0	15.0	96.6	6.5	35.6
14.2	46.9	4624.0	575.0	-7.1	-15.2	215.9	17.0	10.9	13.0	39.0	39.0	15.0	96.6	6.5	35.6
15.4	49.3	4980.7	550.0	-8.7	-15.2	215.9	17.0	10.9	13.0	39.0	39.0	15.0	96.6	6.5	35.6
16.8	52.9	5330.9	525.0	-7.9	-14.2	230.6	19.4	15.7	11.3	39.0	39.0	15.0	96.6	6.5	35.6
17.4	55.9	5717.5	500.0	-11.4	-14.2	230.6	21.4	17.3	12.0	39.0	39.0	15.0	96.6	6.5	35.6
18.4	59.3	6098.5	475.0	-14.2	-14.2	230.6	21.4	16.8	13.8	39.0	39.0	15.0	96.6	6.5	35.6
19.8	62.6	6500.8	450.0	-17.9	-14.2	226.6	21.4	15.5	14.7	39.0	39.0	15.0	96.6	6.5	35.6
20.1	65.9	6915.1	425.0	-21.6	-14.2	226.6	21.4	15.5	14.7	39.0	39.0	15.0	96.6	6.5	35.6
20.5	69.5	7373.7	400.0	-25.0	-14.2	225.0	23.8	17.7	15.9	39.0	39.0	15.0	96.6	6.5	35.6
20.1	73.2	7939.3	375.0	-28.8	-14.2	225.0	24.0	16.9	16.9	39.0	39.0	15.0	96.6	6.5	35.6
27.7	77.2	8377.8	350.0	-32.8	-14.2	221.2	23.4	15.4	17.6	39.0	39.0	15.0	96.6	6.5	35.6
28.4	81.2	8845.9	325.0	-36.9	-14.2	224.1	23.9	16.6	17.1	39.0	39.0	15.0	96.6	6.5	35.6
31.1	85.5	9355.3	300.0	-41.0	-14.2	228.7	25.4	19.0	16.7	39.0	39.0	15.0	96.6	6.5	35.6
33.1	89.2	9800.4	275.0	-46.0	-14.2	234.3	27.1	22.0	15.5	39.0	39.0	15.0	96.6	6.5	35.6
34.9	95.1	10618.9	250.0	-50.0	-14.2	234.3	27.1	22.0	15.5	39.0	39.0	15.0	96.6	6.5	35.6
37.0	100.2	11290.7	225.0	-54.4	-14.2	234.3	30.1	26.0	15.1	39.0	39.0	15.0	96.6	6.5	35.6
39.1	105.6	12037.2	200.0	-58.9	-14.2	243.1	32.4	29.3	12.9	39.0	39.0	15.0	96.6	6.5	35.6
41.3	111.5	12865.9	175.0	-62.6	-14.2	244.0	30.5	27.4	13.3	39.0	39.0	15.0	96.6	6.5	35.6
44.0	118.1	13817.8	150.0	-61.9	-14.2	253.6	30.9	29.7	8.8	39.0	39.0	15.0	96.6	6.5	35.6
46.7	125.3	14649.3	125.0	-50.6	-14.2	260.3	30.9	29.7	1.2	39.0	39.0	15.0	96.6	6.5	35.6
49.9	132.3	16337.4	100.0	-63.8	-14.2	264.3	19.7	19.6	1.2	39.0	39.0	15.0	96.6	6.5	35.6
52.5	141.0	18110.5	75.0	-62.1	-14.2	313.9	4.0	2.9	-2.8	39.0	39.0	15.0	96.6	6.5	35.6
53.8	149.0	20616.6	50.0	-57.7	-14.2	53.0	1.8	-1.4	-1.1	39.0	39.0	15.0	96.6	6.5	35.6
60.1	157.7	25050.0	25.0	-50.6	-14.2	99.9	99.9	99.9	99.9	39.0	39.0	15.0	96.6	6.5	35.6

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Intentionally Left Blank

Sounding Data

6 May 1975

1500 GMT

STATION NO. 235  
JACKSON, MISS6 MAY 1975  
1515 GMT

TIME MIN	CNTCT	HEIGHT GDM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COM M/SEC	V COM M/SEC	POT Y DG K	F POT Y DG K	MX RTO GM/KG	PM PCT	RANGE KM	AZ DG
00.0	50.3	100.0	1001.0	17.8	17.5	100.0	4.2	-4.1	0.7	242.6	325.2	12.7	98.0	30.0	0
00.1	50.4	100.0	1000.0	17.9	17.5	99.0	99.0	99.0	99.0	292.7	325.5	12.7	97.7	999.9	999.9
00.2	50.5	100.0	1000.0	18.0	17.6	99.0	99.0	99.0	99.0	295.9	325.5	13.3	97.9	999.9	999.9
00.3	50.6	100.0	1000.0	18.1	17.7	99.0	99.0	99.0	99.0	296.0	327.3	12.2	94.7	999.9	999.9
00.4	50.7	100.0	1000.0	18.2	17.8	99.0	99.0	99.0	99.0	297.3	328.6	11.9	94.4	999.9	999.9
00.5	50.8	100.0	1000.0	18.3	17.9	99.0	99.0	99.0	99.0	298.5	329.5	11.4	92.0	999.9	999.9
00.6	50.9	100.0	1000.0	18.4	18.0	99.0	99.0	99.0	99.0	300.3	329.5	11.0	90.6	999.9	999.9
00.7	51.0	100.0	1000.0	18.5	18.1	99.0	99.0	99.0	99.0	302.3	329.5	10.6	89.5	999.9	999.9
00.8	51.1	100.0	1000.0	18.6	18.2	99.0	99.0	99.0	99.0	304.5	329.5	10.4	89.5	999.9	999.9
00.9	51.2	100.0	1000.0	18.7	18.3	99.0	99.0	99.0	99.0	306.6	329.5	10.4	87.8	999.9	999.9
01.0	51.3	100.0	1000.0	18.8	18.4	99.0	99.0	99.0	99.0	308.7	329.5	10.3	86.8	999.9	999.9
01.1	51.4	100.0	1000.0	18.9	18.5	99.0	99.0	99.0	99.0	310.5	329.5	10.3	86.8	999.9	999.9
01.2	51.5	100.0	1000.0	19.0	18.6	99.0	99.0	99.0	99.0	312.5	329.5	10.2	86.8	999.9	999.9
01.3	51.6	100.0	1000.0	19.1	18.7	99.0	99.0	99.0	99.0	314.1	329.5	10.2	86.8	999.9	999.9
01.4	51.7	100.0	1000.0	19.2	18.8	99.0	99.0	99.0	99.0	315.7	329.5	10.1	86.8	999.9	999.9
01.5	51.8	100.0	1000.0	19.3	18.9	99.0	99.0	99.0	99.0	317.3	329.5	10.1	86.8	999.9	999.9
01.6	51.9	100.0	1000.0	19.4	19.0	99.0	99.0	99.0	99.0	318.7	329.5	10.1	86.8	999.9	999.9
01.7	52.0	100.0	1000.0	19.5	19.1	99.0	99.0	99.0	99.0	320.3	329.5	10.1	86.8	999.9	999.9
01.8	52.1	100.0	1000.0	19.6	19.2	99.0	99.0	99.0	99.0	321.5	329.5	10.1	86.8	999.9	999.9
01.9	52.2	100.0	1000.0	19.7	19.3	99.0	99.0	99.0	99.0	322.5	329.5	10.1	86.8	999.9	999.9
02.0	52.3	100.0	1000.0	19.8	19.4	99.0	99.0	99.0	99.0	323.7	329.5	10.1	86.8	999.9	999.9
02.1	52.4	100.0	1000.0	19.9	19.5	99.0	99.0	99.0	99.0	325.1	329.5	10.1	86.8	999.9	999.9
02.2	52.5	100.0	1000.0	20.0	19.6	99.0	99.0	99.0	99.0	326.5	329.5	10.1	86.8	999.9	999.9
02.3	52.6	100.0	1000.0	20.1	19.7	99.0	99.0	99.0	99.0	327.7	329.5	10.1	86.8	999.9	999.9
02.4	52.7	100.0	1000.0	20.2	19.8	99.0	99.0	99.0	99.0	328.7	329.5	10.1	86.8	999.9	999.9
02.5	52.8	100.0	1000.0	20.3	19.9	99.0	99.0	99.0	99.0	329.5	329.5	10.1	86.8	999.9	999.9
02.6	52.9	100.0	1000.0	20.4	20.0	99.0	99.0	99.0	99.0	330.3	329.5	10.1	86.8	999.9	999.9
02.7	53.0	100.0	1000.0	20.5	20.1	99.0	99.0	99.0	99.0	331.5	329.5	10.1	86.8	999.9	999.9
02.8	53.1	100.0	1000.0	20.6	20.2	99.0	99.0	99.0	99.0	332.5	329.5	10.1	86.8	999.9	999.9
02.9	53.2	100.0	1000.0	20.7	20.3	99.0	99.0	99.0	99.0	333.7	329.5	10.1	86.8	999.9	999.9
03.0	53.3	100.0	1000.0	20.8	20.4	99.0	99.0	99.0	99.0	334.1	329.5	10.1	86.8	999.9	999.9
03.1	53.4	100.0	1000.0	20.9	20.5	99.0	99.0	99.0	99.0	335.1	329.5	10.1	86.8	999.9	999.9
03.2	53.5	100.0	1000.0	21.0	20.6	99.0	99.0	99.0	99.0	336.5	329.5	10.1	86.8	999.9	999.9
03.3	53.6	100.0	1000.0	21.1	20.7	99.0	99.0	99.0	99.0	337.7	329.5	10.1	86.8	999.9	999.9
03.4	53.7	100.0	1000.0	21.2	20.8	99.0	99.0	99.0	99.0	338.7	329.5	10.1	86.8	999.9	999.9
03.5	53.8	100.0	1000.0	21.3	20.9	99.0	99.0	99.0	99.0	339.5	329.5	10.1	86.8	999.9	999.9
03.6	53.9	100.0	1000.0	21.4	21.0	99.0	99.0	99.0	99.0	340.3	329.5	10.1	86.8	999.9	999.9
03.7	54.0	100.0	1000.0	21.5	21.1	99.0	99.0	99.0	99.0	341.5	329.5	10.1	86.8	999.9	999.9
03.8	54.1	100.0	1000.0	21.6	21.2	99.0	99.0	99.0	99.0	342.5	329.5	10.1	86.8	999.9	999.9
03.9	54.2	100.0	1000.0	21.7	21.3	99.0	99.0	99.0	99.0	343.7	329.5	10.1	86.8	999.9	999.9
04.0	54.3	100.0	1000.0	21.8	21.4	99.0	99.0	99.0	99.0	344.1	329.5	10.1	86.8	999.9	999.9
04.1	54.4	100.0	1000.0	21.9	21.5	99.0	99.0	99.0	99.0	345.1	329.5	10.1	86.8	999.9	999.9
04.2	54.5	100.0	1000.0	22.0	21.6	99.0	99.0	99.0	99.0	346.5	329.5	10.1	86.8	999.9	999.9
04.3	54.6	100.0	1000.0	22.1	21.7	99.0	99.0	99.0	99.0	347.7	329.5	10.1	86.8	999.9	999.9
04.4	54.7	100.0	1000.0	22.2	21.8	99.0	99.0	99.0	99.0	348.7	329.5	10.1	86.8	999.9	999.9
04.5	54.8	100.0	1000.0	22.3	21.9	99.0	99.0	99.0	99.0	349.5	329.5	10.1	86.8	999.9	999.9
04.6	54.9	100.0	1000.0	22.4	22.0	99.0	99.0	99.0	99.0	350.3	329.5	10.1	86.8	999.9	999.9
04.7	55.0	100.0	1000.0	22.5	22.1	99.0	99.0	99.0	99.0	351.5	329.5	10.1	86.8	999.9	999.9
04.8	55.1	100.0	1000.0	22.6	22.2	99.0	99.0	99.0	99.0	352.5	329.5	10.1	86.8	999.9	999.9
04.9	55.2	100.0	1000.0	22.7	22.3	99.0	99.0	99.0	99.0	353.7	329.5	10.1	86.8	999.9	999.9
05.0	55.3	100.0	1000.0	22.8	22.4	99.0	99.0	99.0	99.0	354.1	329.5	10.1	86.8	999.9	999.9
05.1	55.4	100.0	1000.0	22.9	22.5	99.0	99.0	99.0	99.0	355.1	329.5	10.1	86.8	999.9	999.9
05.2	55.5	100.0	1000.0	23.0	22.6	99.0	99.0	99.0	99.0	356.5	329.5	10.1	86.8	999.9	999.9
05.3	55.6	100.0	1000.0	23.1	22.7	99.0	99.0	99.0	99.0	357.7	329.5	10.1	86.8	999.9	999.9
05.4	55.7	100.0	1000.0	23.2	22.8	99.0	99.0	99.0	99.0	358.7	329.5	10.1	86.8	999.9	999.9
05.5	55.8	100.0	1000.0	23.3	22.9	99.0	99.0	99.0	99.0	359.5	329.5	10.1	86.8	999.9	999.9
05.6	55.9	100.0	1000.0	23.4	23.0	99.0	99.0	99.0	99.0	360.3	329.5	10.1	86.8	999.9	999.9
05.7	56.0	100.0	1000.0	23.5	23.1	99.0	99.0	99.0	99.0	361.5	329.5	10.1	86.8	999.9	999.9
05.8	56.1	100.0	1000.0	23.6	23.2	99.0	99.0	99.0	99.0	362.5	329.5	10.1	86.8	999.9	999.9
05.9	56.2	100.0	1000.0	23.7	23.3	99.0	99.0	99.0	99.0	363.7	329.5	10.1	86.8	999.9	999.9
06.0	56.3	100.0	1000.0	23.8	23.4	99.0	99.0	99.0	99.0	364.1	329.5	10.1	86.8	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 240  
LAKE CHARLES, LA

6 MAY 1975  
1415 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CC M/SEC	V CCMF M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/SEC	RH PCT	RANGE KM	AZ DG
0.0	4.3	5.0	1008.0	25.0	22.9	130.0	5.2	-4.0	3.3	299.9	346.3	17.7	88.0	0.0	7.0
0.1	4.9	75.4	1006.0	25.0	24.1	999.9	99.9	99.9	99.9	300.8	351.5	19.3	94.9	999.9	999.9
0.9	6.7	297.9	975.0	22.5	22.0	999.9	99.9	99.9	99.9	300.1	345.7	17.4	97.1	999.9	999.9
1.6	8.5	254.7	950.0	21.3	20.9	999.9	99.9	99.9	99.9	301.0	344.6	16.5	96.9	999.9	999.9
2.3	10.5	756.3	925.0	19.7	19.1	176.2	9.2	-0.1	9.2	301.5	342.1	15.3	96.7	1.2	316.0
3.1	12.5	552.7	900.0	18.2	17.6	190.6	10.1	1.8	9.9	302.2	340.3	14.3	96.4	1.6	344.0
3.9	14.5	1234.4	875.0	16.5	15.7	198.7	10.4	3.3	9.9	302.6	337.5	13.0	95.4	2.1	351.0
4.7	16.5	1481.7	850.0	15.5	14.7	217.3	10.7	6.5	8.5	304.1	339.1	12.5	94.9	2.5	358.0
5.6	18.8	1735.5	825.0	14.3	13.7	227.5	13.6	10.0	10.8	305.3	339.2	12.0	96.0	3.0	7.0
6.5	20.9	1955.9	800.0	13.4	12.9	228.5	15.4	10.9	10.8	307.0	339.3	11.7	96.0	3.6	15.0
7.2	23.1	2263.0	775.0	11.5	4.9	234.6	15.1	11.3	10.7	307.1	327.1	7.1	64.0	4.2	20.0
8.1	25.4	2537.8	750.0	12.2	-5.1	234.7	13.3	10.8	7.7	310.4	321.3	3.7	30.8	4.9	24.0
9.0	27.6	2820.9	725.0	10.9	-18.9	255.4	12.2	11.8	3.1	311.5	315.3	1.2	10.6	5.4	26.0
9.9	30.1	3111.9	700.0	9.0	-22.1	275.2	14.1	14.1	-1.3	312.6	315.6	0.9	9.0	5.9	34.0
10.9	32.6	3411.6	675.0	6.9	-25.9	283.6	17.1	16.7	-4.0	313.4	315.7	0.7	7.5	6.3	43.0
12.0	35.2	3719.8	650.0	4.3	-30.4	281.0	18.5	18.1	-3.5	313.8	315.4	0.5	5.8	6.9	51.0
13.1	37.7	4037.2	625.0	1.6	-31.9	271.9	19.9	19.8	-0.7	314.3	315.7	0.4	6.1	7.9	56.0
14.1	40.3	4364.8	600.0	0.2	-31.2	267.9	24.5	24.4	0.9	316.4	316.0	0.5	7.5	9.0	62.0
15.3	42.9	4704.3	575.0	-2.2	-21.9	264.7	24.2	24.1	2.6	317.5	321.3	1.2	20.5	10.7	66.0
16.3	45.8	5053.6	550.0	-4.3	-25.2	259.5	29.1	28.7	5.3	318.1	322.3	0.6	17.6	12.5	68.0
17.4	48.8	5420.3	525.0	-7.0	-46.1	259.0	25.6	25.1	4.9	319.9	323.4	0.1	2.0	14.4	70.0
18.6	51.6	5768.9	500.0	-9.4	-55.8	263.8	19.7	19.6	2.1	321.6	324.1	0.0	1.7	15.9	71.0
19.9	54.3	6193.9	475.0	-11.2	-57.0	258.6	17.3	17.0	3.4	324.0	324.1	0.0	1.0	17.3	72.0
21.1	57.9	6634.4	450.0	-14.2	-58.9	248.6	17.4	17.4	0.4	325.3	325.4	0.7	1.0	18.7	73.0
22.8	61.3	7037.7	425.0	-17.1	-60.8	244.3	21.9	21.2	-5.4	327.0	327.1	0.0	1.0	20.3	75.0
24.2	64.9	7443.4	400.0	-20.6	-56.5	262.7	24.2	23.6	-5.3	328.1	328.3	0.0	2.3	22.4	77.0
25.8	68.3	7863.7	375.0	-24.3	-57.8	276.9	29.0	28.8	-3.4	329.4	329.6	0.0	2.7	24.4	80.0
27.6	72.0	8461.9	350.0	-28.6	-57.2	274.3	24.9	24.0	-2.2	330.1	330.3	0.0	4.5	27.5	81.0
29.5	76.2	9029.4	325.0	-32.8	-50.7	278.6	33.3	32.9	-5.1	331.4	331.8	0.1	14.7	30.6	83.0
31.4	80.3	9546.5	300.0	-37.4	-51.6	273.0	35.3	35.2	-1.8	332.6	333.0	0.1	20.8	34.5	84.0
33.5	84.8	10142.0	275.0	-41.9	99.9	267.4	36.7	36.6	1.6	334.6	334.9	0.1	99.9	39.7	85.0
35.7	89.4	10779.2	250.0	-47.6	99.9	268.7	38.9	38.9	0.9	335.3	335.9	0.1	99.9	44.1	85.0
38.3	94.8	11469.6	225.0	-51.5	99.9	271.6	41.4	41.4	-1.2	336.7	336.9	0.1	99.9	50.9	86.0
40.9	100.2	12225.0	200.0	-57.1	99.9	273.4	38.8	38.7	-2.3	338.2	338.3	0.1	99.9	58.8	87.0
43.9	106.3	13061.0	175.0	-61.7	99.9	274.2	31.8	31.7	-2.3	340.2	340.3	0.1	99.9	63.7	87.0
47.3	113.7	14009.1	150.0	-63.6	99.9	270.2	37.1	37.1	-0.1	340.5	340.6	0.1	99.9	71.8	88.0
51.2	120.7	15128.2	125.0	-65.5	99.9	273.4	54.2	54.1	-3.4	346.3	346.4	0.1	99.9	80.2	89.0
55.9	128.7	16457.6	100.0	-71.4	99.9	278.4	42.3	41.5	-6.3	346.7	346.8	0.1	99.9	92.1	90.0
61.0	136.5	18185.0	75.0	-70.9	99.9	61.5	59.8	-5.2	-2.8	424.2	424.3	0.1	99.9	97.3	91.0
68.4	150.8	23465.1	50.0	-82.2	99.9	102.1	7.5	-7.4	1.6	457.0	457.1	0.1	99.9	98.6	91.0
80.8	163.0	25102.9	25.0	-88.2	99.9	955.9	99.9	99.9	99.9	466.1	466.2	0.1	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 746  
SMPLVPORT, LA

6 MAY 1975  
1506 GMT

TIME MIN	ENTCT	WEIGHT GFM	PRES MB	TEMP DG C	DEM PT DG C	DTM DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.1	79.0	998.3	21.7	18.9	140.1	4.2	-2.7	7.2	296.9	333.2	13.9	84.2	2.7	7.2
0.9	99.9	99.9	1010.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	7.3	285.1	675.0	21.5	19.8	162.9	8.7	-2.6	8.3	268.8	336.5	15.1	90.4	4.3	32.0
1.6	9.3	510.9	550.0	20.6	19.8	177.9	13.4	-0.5	13.4	303.2	341.7	15.5	95.1	1.0	34.3
2.7	11.4	742.3	925.0	20.0	19.1	186.7	14.4	2.2	14.2	301.8	342.4	15.3	95.0	1.8	35.3
3.5	13.8	479.1	900.0	18.6	17.7	195.0	13.2	3.6	12.7	302.6	341.7	14.4	94.8	2.5	35.9
4.5	16.0	1221.3	875.0	17.5	16.7	200.5	11.2	3.6	10.5	303.9	341.1	13.8	94.6	3.2	2.0
5.4	18.4	1469.5	850.0	15.9	14.8	201.0	10.3	3.7	9.6	304.5	339.6	12.6	92.8	3.8	5.0
6.5	20.8	1727.4	825.0	14.3	12.9	201.4	8.5	3.1	8.0	305.2	336.5	11.5	91.5	4.3	8.0
7.5	23.2	1983.3	800.0	12.4	11.1	207.7	6.4	3.3	5.7	305.8	334.5	10.4	91.3	4.6	9.0
8.7	25.7	2250.1	775.0	11.3	9.7	207.1	5.1	2.3	4.5	307.2	334.5	9.8	90.1	5.2	11.0
9.9	28.2	2523.9	750.0	9.8	7.5	227.8	2.6	1.9	1.9	308.4	332.9	8.7	85.3	5.4	11.0
10.9	30.9	2816.3	725.0	10.0	5.3	322.6	3.5	2.1	-2.8	311.3	330.7	8.7	82.9	5.3	13.0
12.0	33.4	3057.6	700.0	8.3	-2.8	319.9	5.5	3.5	-4.2	312.3	325.7	4.5	46.1	5.2	16.0
13.4	36.1	3366.7	675.0	6.1	-11.4	313.5	7.9	5.7	-5.4	312.7	327.2	2.4	27.6	4.0	21.0
14.8	39.3	3714.3	650.0	3.4	-20.1	258.6	7.9	6.9	-3.8	313.0	316.7	1.2	15.5	4.0	30.0
16.2	41.7	4021.7	625.0	1.0	-18.3	281.3	6.2	6.1	-1.2	313.7	316.3	1.4	22.0	4.0	36.0
17.5	44.6	4347.6	600.0	-1.0	-23.5	263.7	9.0	8.9	1.1	315.1	318.2	1.0	16.2	5.2	41.0
18.8	47.8	4685.4	575.0	-3.8	-27.6	273.0	10.0	10.9	-0.5	315.6	317.0	0.7	13.7	5.5	47.0
20.4	50.6	5034.6	550.0	-6.1	-30.0	277.8	11.3	11.2	-1.5	316.8	317.8	0.3	6.7	6.4	54.0
21.9	53.6	5377.7	525.0	-7.2	-40.7	253.5	13.1	12.6	3.7	319.2	320.5	0.2	4.8	7.5	58.0
23.6	56.6	5776.0	500.0	-5.8	-42.0	244.2	15.1	13.6	6.6	321.1	321.8	0.2	5.1	8.0	63.0
25.3	62.7	6155.4	475.0	-12.7	-33.6	241.4	17.2	15.1	8.2	322.2	322.8	0.2	5.5	10.5	60.0
26.5	65.4	6577.5	450.0	-15.6	-45.3	243.6	18.0	14.6	8.6	323.3	323.8	0.1	5.8	12.0	67.0
28.4	68.7	7007.9	425.0	-18.8	-47.7	245.6	16.3	15.0	6.5	324.9	325.4	0.1	6.2	13.4	61.0
30.1	70.4	7417.1	400.0	-21.3	-48.5	257.7	19.1	18.7	4.1	327.3	327.7	0.1	6.5	15.3	62.0
31.9	72.3	7929.8	375.0	-24.8	-50.7	265.5	24.5	24.4	1.9	328.9	329.1	0.1	6.9	17.4	65.0
33.6	76.3	8427.7	350.0	-28.8	-53.3	268.9	28.3	26.3	0.7	329.8	330.1	0.1	7.4	20.4	68.0
35.8	81.7	8953.5	325.0	-33.0	-54.9	266.8	30.3	30.3	0.6	331.1	331.4	0.1	9.0	23.2	71.0
38.0	85.9	9510.7	300.0	-37.8	-53.3	267.7	35.9	35.9	1.5	332.0	332.3	0.1	17.9	27.0	74.0
40.4	90.4	10104.1	275.0	-43.1	99.9	267.2	32.3	32.2	-1.6	332.8	332.8	99.9	99.9	32.0	76.0
43.0	95.2	10739.2	250.0	-47.9	99.9	267.1	35.5	35.2	4.2	334.9	334.9	99.9	99.9	37.0	77.0
45.7	100.0	11427.5	225.0	-51.8	99.9	263.1	34.5	34.4	2.9	339.1	339.1	99.9	99.9	43.3	78.0
48.9	105.5	12193.3	200.0	-56.8	99.9	271.5	34.0	34.6	-0.9	342.8	342.8	99.9	99.9	49.0	80.0
51.9	111.3	13118.6	175.0	-61.6	99.9	262.4	28.7	28.1	3.8	348.3	348.3	99.9	99.9	56.1	81.0
55.3	117.5	13969.9	150.0	-64.2	99.9	262.3	27.5	27.2	2.7	359.6	359.6	99.9	99.9	62.7	80.0
59.5	125.0	15091.5	125.0	-67.2	99.9	274.8	33.8	33.7	-2.9	380.5	380.5	99.9	99.9	71.6	81.0
64.4	133.2	16454.2	100.0	-69.5	99.9	276.0	7.5	30.3	-3.2	401.2	401.2	99.9	99.9	81.6	82.0
70.4	141.3	18203.7	75.0	-65.8	99.9	353.8	3.7	0.4	-3.7	435.0	435.0	99.9	99.9	86.5	84.0
78.7	151.3	20692.9	50.0	-57.8	99.9	256.0	14.3	14.0	3.3	507.3	507.3	99.9	99.9	85.9	84.0
91.8	161.5	25151.2	25.0	-48.5	99.9	169.5	1.6	-0.3	1.5	645.5	645.5	99.9	99.9	84.2	85.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 250  
BROWNSVILLE, TEX

6 MAY 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIY DG	SPEED M/SEC	U COMP M/SEC	V CCAP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.8	7.0	102.4	26.7	24.0	150.0	5.2	-2.6	4.5	302.2	352.6	19.1	85.0	0.0	0.
0.1	5.0	28.3	100.0	25.9	25.4	324.8	3.4	2.0	-2.8	301.4	356.8	20.9	97.4	0.4	33.0
0.8	7.0	252.0	975.0	24.2	23.0	223.1	1.2	0.8	0.9	302.1	353.7	19.6	98.3	0.3	33.0
1.6	9.3	480.4	950.0	22.9	22.4	174.7	12.3	-1.1	12.2	302.8	351.4	18.3	97.3	0.7	38.0
2.6	11.5	713.2	925.0	21.0	20.7	140.4	12.1	0.2	12.1	303.1	348.0	16.9	97.9	1.4	35.0
3.5	13.8	557.9	900.0	19.3	18.3	180.4	12.4	0.2	12.4	303.4	343.3	14.9	94.2	2.1	35.0
4.3	15.9	1124.1	875.0	23.9	11.1	154.6	6.7	2.2	6.4	309.2	321.5	4.2	94.1	2.6	35.0
5.1	18.4	1449.7	850.0	26.9	-3.5	272.1	6.7	2.5	6.2	314.4	324.9	3.5	13.6	2.9	35.0
6.0	21.7	1710.8	825.0	24.9	-4.4	270.2	7.4	3.4	6.9	315.4	325.6	3.3	14.0	3.3	2.0
7.0	25.1	1972.8	800.0	21.6	7.1	210.1	9.9	4.9	8.5	315.3	338.4	8.0	39.2	3.7	6.0
7.9	28.4	2253.2	775.0	18.9	8.1	213.5	10.6	5.9	8.8	315.4	340.9	8.8	49.6	4.2	9.0
8.9	31.6	2537.7	750.0	16.7	5.2	217.6	11.8	7.2	9.3	315.8	337.5	7.4	46.5	4.8	13.0
9.8	34.6	2821.9	725.0	15.0	-1.9	217.9	12.7	7.8	10.0	316.5	330.5	6.6	31.5	5.5	16.0
10.9	38.3	3117.7	700.0	12.7	-2.0	215.8	10.6	6.2	8.6	317.2	331.5	4.8	36.1	6.3	19.0
12.0	45.3	3421.7	675.0	10.9	-10.4	217.7	7.4	4.3	5.9	318.2	324.3	2.6	21.3	6.8	2.0
12.9	52.5	3734.7	650.0	8.4	-12.7	225.1	7.4	5.2	5.2	318.7	325.7	2.2	20.9	7.1	21.0
13.9	59.5	4057.1	625.0	5.8	-14.8	227.9	9.5	7.0	6.4	319.3	325.5	1.9	21.0	7.6	23.0
15.1	66.7	4386.1	600.0	2.9	-15.7	230.4	11.5	8.9	7.3	319.6	325.7	1.9	23.9	8.2	25.0
16.1	73.1	4731.7	575.0	-0.1	-20.9	233.8	13.1	10.5	7.7	320.0	324.2	1.3	15.5	8.9	27.0
17.3	79.3	5059.9	550.0	-2.8	-15.7	242.2	13.1	11.6	6.1	321.0	327.6	2.1	36.5	9.7	30.0
18.4	85.4	5452.1	525.0	-6.2	-15.6	252.3	14.1	13.5	4.3	321.2	328.1	2.2	47.2	10.5	13.0
19.8	92.5	5832.3	500.0	-8.5	-29.1	254.5	17.7	17.2	4.1	324.7	325.1	0.7	17.4	11.4	37.0
21.0	99.9	6227.7	475.0	-11.4	-40.3	254.1	20.6	19.8	5.3	323.8	324.7	0.2	7.0	12.6	41.0
22.4	106.3	6647.4	450.0	-14.1	-32.7	252.7	22.8	21.9	6.8	325.5	327.4	0.5	19.0	14.2	45.0
23.9	112.7	7072.0	425.0	-16.5	-45.1	255.5	22.3	21.6	5.6	327.7	329.4	0.2	7.0	16.0	49.0
25.3	119.4	7525.4	400.0	-19.6	-48.7	259.4	21.4	21.0	3.9	329.5	324.9	0.1	5.5	17.6	52.0
26.9	126.2	8011.0	375.0	-22.6	-48.9	255.7	25.0	24.2	6.2	331.6	332.1	0.1	7.0	19.5	55.0
28.6	133.3	8505.2	350.0	-25.4	-47.3	246.2	27.2	24.9	11.0	334.4	335.0	0.1	11.0	22.2	56.0
31.4	140.2	9117.4	325.0	-30.2	-48.4	247.0	26.8	24.7	10.5	335.0	335.6	0.1	14.4	25.2	57.0
32.3	146.6	9671.5	300.0	-34.7	-52.0	256.2	30.0	29.1	7.2	336.4	336.8	0.1	15.1	28.2	59.0
34.3	154.6	10223.4	275.0	-39.6	99.9	246.7	30.6	28.1	12.1	337.5	339.9	99.9	99.9	31.8	61.0
36.4	162.2	10848.3	250.0	-44.1	99.9	248.7	36.6	33.9	13.7	340.5	343.9	99.9	99.9	35.9	61.0
38.6	170.4	11545.1	225.0	-50.7	99.9	254.1	38.0	36.5	10.4	343.9	343.9	99.9	99.9	41.4	62.0
41.2	177.3	12313.0	200.0	-56.3	99.9	256.1	43.7	42.4	10.5	343.6	343.6	99.9	99.9	47.7	64.0
44.5	183.5	13144.0	175.0	-59.2	99.9	262.6	38.3	38.0	5.0	352.3	359.9	99.9	99.9	54.7	66.0
47.8	189.3	14111.5	150.0	-63.3	99.9	261.0	38.8	38.3	6.1	361.0	369.9	99.9	99.9	62.3	68.0
51.8	195.3	15299.6	125.0	-68.3	99.9	262.3	31.1	26.7	9.5	371.3	399.9	99.9	99.9	72.0	69.0
56.5	197.7	16539.5	100.0	-71.2	99.9	296.1	16.1	14.4	-7.1	390.2	399.9	99.9	99.9	75.8	71.0
61.8	198.3	19211.3	75.0	-78.5	99.9	320.8	2.2	1.4	-1.7	408.3	399.9	99.9	99.9	78.6	72.0
70.0	197.0	23674.2	50.0	-59.5	99.9	281.1	6.4	-3.0	-5.6	503.2	399.9	99.9	99.9	78.3	73.0
82.0	190.3	25130.4	25.0	-49.3	99.9	99.9	99.9	99.9	99.9	642.9	399.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION  
\* BY TIME MEANS TEMPERATURE  
\* BY SPEED MEANS ELEVATION

GLE BETWEEN 6 AND 10 DEG  
4 TIME HAVE BEEN INTERPOLATED  
ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 255  
VICTORIA, TEX

6 MAY 1975  
1415 GMT

TIME MIN	CNTCT	WEIGHT GFM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.4	33.0	1000.4	25.8	23.5	170.0	5.2	-0.9	5.1	301.4	350.2	18.5	87.0	1.0	0
0.0	5.4	36.6	1000.0	25.8	23.5	160.6	5.1	-0.9	5.0	301.5	350.5	18.6	87.5	0.0	0
1.0	7.6	267.3	975.0	23.9	23.7	169.7	6.2	-1.2	6.1	301.9	352.9	19.4	88.8	0.3	357
1.0	10.0	488.0	950.0	22.3	22.2	170.0	7.0	-1.6	6.8	302.3	352.1	18.1	99.1	0.7	352
2.7	12.2	720.8	925.0	20.9	20.8	169.4	8.8	-1.6	8.6	303.0	348.4	17.1	99.4	1.2	352
3.6	11.7	558.7	900.0	24.4	7.9	165.6	9.8	-2.4	5.5	307.7	329.1	7.5	34.9	1.7	350
4.5	17.0	1236.3	875.0	26.2	-3.4	159.2	9.4	-3.3	6.9	311.5	321.7	3.4	14.0	2.2	349
5.4	15.6	1421.1	500.0	25.6	-6.7	158.3	8.7	-3.2	6.1	313.4	321.7	2.7	11.3	2.7	347
6.3	22.1	1721.7	825.0	23.5	-8.1	165.4	4.4	-1.7	4.2	313.8	321.5	2.5	11.5	3.1	346
7.3	24.7	1598.9	875.0	21.5	-6.3	220.4	3.8	2.5	2.9	314.5	323.6	3.7	14.9	3.2	348
9.4	27.2	2262.2	775.0	19.1	-8.0	234.2	3.6	3.1	2.2	314.7	323.0	2.7	15.1	3.4	352
9.4	28.9	2542.2	500.0	17.1	-9.5	248.5	3.9	3.7	1.4	315.4	323.1	2.5	15.3	3.4	355
10.4	28.7	2826.3	725.0	14.1	-11.7	249.6	4.4	4.1	1.5	315.2	322.0	4.2	15.5	3.5	347
11.6	35.5	3121.6	700.0	11.2	-12.5	228.5	5.5	4.1	1.4	315.2	321.7	2.1	17.5	3.7	347
12.8	38.2	3425.5	675.0	8.6	-13.6	227.3	6.6	4.9	4.5	315.6	321.8	2.0	19.0	4.0	348
13.9	40.9	3735.6	650.0	5.8	-14.9	228.0	7.7	5.7	5.1	315.7	321.6	1.9	20.9	4.4	12
15.1	43.9	4056.5	625.0	2.5	-16.1	231.3	8.8	6.9	5.5	315.5	321.1	1.7	23.7	4.9	16
16.3	47.0	4382.7	600.0	-0.4	-16.5	245.1	7.0	8.7	4.1	315.8	321.4	1.8	28.5	5.4	21
17.6	50.1	4721.4	575.0	-3.1	-15.7	240.0	7.5	11.7	6.8	316.6	320.8	2.0	37.0	6.1	27
18.9	52.1	5072.0	550.0	-5.7	-13.5	237.1	17.4	13.3	11.1	317.6	325.3	2.5	54.2	7.2	31
21.2	56.1	5746.9	525.0	-8.7	-13.0	228.3	26.0	15.0	13.3	318.2	326.6	2.7	70.9	8.5	34
21.4	56.0	5811.3	500.0	-10.9	-11.4	240.9	21.5	18.8	10.5	318.7	320.0	0.1	2.1	17.2	37
23.0	63.1	6238.2	475.0	-12.4	-8.8	253.5	21.1	19.9	7.0	320.5	320.7	0.0	1.5	11.8	42
24.5	66.4	6615.0	450.0	-15.0	-56.1	255.0	21.4	20.8	5.3	320.3	320.5	0.0	1.7	13.5	46
26.1	70.1	7044.9	425.0	-17.8	-55.7	255.1	22.7	21.9	5.8	320.1	320.3	0.0	2.0	15.4	57
27.9	73.8	7495.0	400.0	-20.9	-56.6	254.1	23.1	25.2	6.3	320.8	320.0	0.0	2.0	17.5	53
29.6	77.6	7908.8	375.0	-24.8	-53.9	255.6	28.0	25.2	6.5	320.7	320.0	0.1	4.7	23.0	56
31.4	81.7	8477.0	350.0	-28.6	-53.2	259.3	28.7	28.1	5.5	330.1	330.4	0.1	7.4	22.8	58
33.2	85.9	8997.4	325.0	-32.1	-54.2	278.8	34.7	34.0	6.7	332.4	332.7	0.1	9.0	25.9	61
35.3	90.4	9553.6	300.0	-36.8	-47.1	257.3	36.4	35.5	8.0	33.4	3.4	0.2	37.4	30.1	64
37.4	95.0	10149.9	275.0	-41.2	99.6	256.4	35.3	38.2	9.2	255.5	599.9	57.9	999.9	34.7	66
39.8	98.9	10760.1	250.0	-46.7	99.9	255.1	40.3	39.6	7.6	336.7	999.9	99.9	999.9	45.2	67
42.5	105.0	11479.8	225.0	-52.9	99.9	259.3	43.6	42.9	8.1	337.5	999.9	99.9	999.9	47.1	69
45.4	110.4	12231.8	200.0	-57.7	99.9	262.1	41.7	41.3	5.7	341.4	999.9	99.9	999.9	54.4	71
48.6	116.1	13067.7	175.0	-60.4	99.9	259.1	47.6	46.7	9.3	350.3	999.9	99.9	999.9	63.0	72
52.3	124.7	14045.3	150.0	-71.5	99.9	257.3	41.7	40.7	9.2	360.2	999.9	99.9	999.9	71.5	73
56.3	129.3	15186.2	125.0	-73.1	99.9	265.5	37.2*	37.1	2.3	377.1	999.9	99.9	999.9	81.7	73
51.3	126.5	16494.1	100.0	-75.8	99.9	301.0	16.0*	14.2	-8.5	393.0	999.9	99.9	999.9	88.9	76
67.0	143.1	18180.4	75.0	-73.7	99.9	278.5	13.6	13.6	-2.0	418.4	999.9	99.9	999.9	91.6	77
76.0	150.0	20688.6	50.0	-60.6	99.9	56.5	5.2	-4.3	-2.9	500.8	999.9	99.9	999.9	92.8	78
99.9	55.9	99.9	25.0	59.9	99.9	99.9	99.9	99.9	99.9	50.9	999.9	99.9	999.9	959.9	999

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
STEPHENSVILLE, TEX

6 MAY 1975  
1415 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	CIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.1	9.6	399.0	950.0	23.0	17.7	200.0	3.6	1.2	2.4	301.5	337.4	13.4	72.0	2.0	2.
0.9	99.9	99.9	1003.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	99.9
0.3	10.4	481.4	950.0	21.9	17.6	221.9	8.0	5.3	5.2	301.2	337.2	13.5	76.7	1.2	23.
1.1	12.6	712.9	925.0	20.5	15.9	237.4	10.4	8.8	5.6	302.0	335.4	12.5	75.2	0.5	17.
2.0	14.9	950.2	900.0	20.6	15.4	251.4	16.6	15.7	5.3	304.4	338.0	12.4	72.3	1.1	32.
2.9	17.1	1154.3	875.0	20.8	12.2	260.9	18.8	18.6	3.0	306.8	335.4	10.3	57.0	2.2	65.
3.9	19.5	1445.1	850.0	19.8	10.5	255.2	19.4	18.8	5.0	308.2	334.6	9.4	54.8	3.3	70.
4.8	21.8	1701.7	825.0	17.7	8.9	246.7	19.0	17.4	7.5	308.5	333.1	8.7	56.2	4.3	70.
5.8	24.3	1984.4	800.0	16.1	5.9	237.9	18.1	15.3	9.6	309.3	333.1	7.3	50.4	5.4	69.
6.7	26.7	2233.8	775.0	14.1	3.3	230.4	15.5	11.9	9.9	310.1	327.0	6.2	46.4	6.3	67.
7.8	29.3	2509.9	750.0	12.0	3.9	225.2	16.8	11.9	11.8	310.5	325.0	6.8	57.0	7.3	64.
8.7	32.0	2792.7	725.0	9.3	2.4	223.7	16.8	11.6	12.2	310.5	324.7	6.3	61.9	8.2	62.
9.4	34.7	3083.0	700.0	6.7	1.4	220.0	16.0	10.3	12.2	310.8	324.3	6.1	68.8	9.3	59.
10.9	37.2	3397.5	675.0	4.0	-1.5	209.9	13.8	6.9	12.9	310.8	325.8	5.1	67.8	10.1	57.
11.9	40.1	3687.5	650.0	3.8	-10.1	200.5	13.7	4.8	12.8	313.6	322.0	2.7	35.4	10.9	55.
13.1	42.9	4005.0	625.0	1.6	-13.9	201.8	14.4	5.3	13.4	314.6	321.1	2.1	30.4	11.6	52.
14.3	45.9	4331.9	600.0	-1.5	-17.4	203.3	14.8	5.8	13.6	314.6	321.7	2.0	35.5	12.6	50.
15.6	48.8	4669.0	575.0	-4.8	-15.8	205.3	14.5	6.2	13.1	314.6	320.7	1.9	41.6	13.6	48.
17.1	51.6	5016.7	550.0	-7.6	-21.2	212.6	16.3	8.8	13.7	315.2	319.4	1.3	33.2	14.9	46.
18.7	54.9	5379.5	525.0	-7.0	-30.1	214.1	15.9	8.9	12.2	320.0	322.0	0.6	13.8	16.6	45.
20.1	58.0	5757.6	500.0	-10.2	-32.5	214.7	14.8	8.4	12.1	320.6	322.4	0.5	14.0	17.7	44.
21.5	61.4	6157.1	475.0	-13.8	-35.2	212.0	17.3	9.2	14.6	320.9	322.3	0.4	14.4	18.1	43.
22.9	65.0	6557.8	450.0	-17.7	-39.2	211.3	17.0	8.0	14.6	320.9	322.0	0.3	14.7	20.5	42.
24.3	68.3	6983.6	425.0	-20.3	-31.1	232.3	20.4	16.1	12.5	323.0	325.1	0.7	27.1	22.1	41.
25.7	71.3	7427.3	400.0	-23.1	-42.5	250.1	25.7	24.2	8.6	325.0	325.8	0.2	15.4	23.9	40.
27.3	75.8	7898.7	375.0	-26.8	-46.4	255.5	28.1	27.2	7.0	326.1	326.7	0.2	13.5	26.2	47.
28.8	79.8	8392.7	350.0	-30.5	-47.1	253.1	34.6	33.1	10.1	327.6	328.2	0.2	17.7	28.8	49.
30.5	82.8	8915.3	325.0	-34.6	-50.4	252.7	1.6	37.4	11.8	328.9	329.3	0.1	18.1	32.2	52.
32.5	86.2	9469.3	300.0	-39.3	-50.9	250.6	42.0	39.6	13.9	329.9	329.9	0.0	99.9	36.8	55.
35.3	93.0	12067.4	275.0	-43.3	-50.9	249.8	41.3	38.8	14.3	332.6	329.9	0.0	99.9	44.0	57.
38.2	97.8	12604.2	250.0	-48.6	-50.9	244.1	43.2	38.9	18.9	333.6	329.9	0.0	99.9	57.6	59.
41.0	103.0	13279.4	225.0	-52.4	-50.9	250.2	45.9	43.2	15.5	338.2	329.9	0.0	99.9	57.7	59.
43.8	108.7	13134.6	200.0	-56.7	-50.9	253.1	50.3	48.1	14.7	343.0	329.9	0.0	99.9	65.4	61.
46.8	114.7	12773.0	175.0	-59.9	-50.9	252.0	33.0	32.2	10.5	351.1	329.9	0.0	99.9	73.2	62.
50.3	121.3	13912.8	150.0	-62.3	-50.9	254.1	39.1	37.6	10.7	362.6	329.9	0.0	99.9	81.4	63.
54.4	128.7	15065.2	125.0	-61.0	-50.9	267.8	41.8	41.0	1.6	384.5	329.9	0.0	99.9	92.3	65.
59.2	136.7	16447.2	100.0	-62.7	-50.9	267.4	23.7	23.7	1.1	406.6	329.9	0.0	99.9	99.5	67.
64.8	145.0	19189.5	75.0	-67.1	-50.9	247.6	14.8	13.7	1.1	432.2	329.9	0.0	99.9	104.2	68.
72.7	154.0	23669.7	50.0	-59.8	-50.9	105.1	6.7	-6.4	1.7	502.5	329.9	0.0	99.9	103.7	69.
85.6	164.0	25131.0	25.0	-51.5	-50.9	266.3	0.1	0.1	0.2	636.7	329.9	0.0	99.9	102.2	69.

\* BY SPEED MEANS FLATVATION ANGLE BETWEEN 6 AND 13 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 261  
DEL RIO, TEX6 MAY 1975  
1415 GMT

TIME MIN	CNTCT	HEIGHT G/M	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GN/KG	PH PCT	RANGE KM	AZ DG
0.0	8.8	314.0	968.2	24.6	21.9	110.3	2.1	-2.0	0.7	322.9	349.1	17.4	85.0	0.0	0
09.9	99.9	90.9	1010.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.8	10.4	411.1	953.0	23.3	21.8	99.9	99.9	99.9	99.9	303.2	351.2	17.6	90.9	99.9	99.9
1.8	12.5	714.5	925.0	22.6	20.4	224.3	7.0	4.9	5.0	304.6	347.2	16.6	87.8	2.4	13
2.6	14.7	953.6	900.0	21.3	16.2	259.1	6.6	6.5	1.4	305.3	345.7	13.0	72.6	0.7	36
3.5	16.8	1198.0	875.0	21.1	7.2	291.5	8.0	7.4	-2.9	306.7	327.5	7.4	40.8	0.9	57
4.6	19.2	1438.1	853.0	19.5	1.8	296.4	12.0	16.4	-5.3	307.3	322.1	5.2	30.9	1.3	80
5.6	21.3	1744.2	825.0	18.2	-3.5	303.1	12.4	18.7	-6.2	308.3	318.9	3.6	22.7	2.0	95
6.7	23.8	1966.2	806.0	16.0	-5.2	300.1	10.9	9.4	-3.4	308.6	316.2	3.2	22.6	2.7	102
7.7	26.1	2234.4	775.0	13.6	-5.3	290.7	9.7	9.1	-3.4	308.8	318.3	3.2	22.2	3.3	124
8.9	28.5	2509.5	750.0	11.7	-7.5	276.4	6.4	6.7	-0.8	309.6	318.3	2.9	25.3	3.9	125
9.9	31.1	2701.8	725.0	9.9	-9.0	234.9	6.4	5.3	3.7	310.7	318.8	2.7	25.3	4.3	133
11.2	33.7	3182.5	705.0	8.2	-11.2	219.0	10.0	6.3	7.8	311.9	319.1	2.3	24.0	4.5	94
12.2	36.1	3381.4	675.0	5.9	-10.9	209.6	12.1	6.0	10.5	312.6	320.2	2.5	24.9	5.0	99
13.5	38.9	3659.0	650.0	3.5	-11.9	197.9	12.8	3.9	12.2	313.2	320.6	2.4	31.3	5.4	80
14.7	41.4	4035.8	625.0	0.9	-12.4	204.3	15.5	7.5	13.6	313.8	320.9	2.3	34.8	6.0	71
16.7	43.3	4332.3	600.0	-1.8	-13.9	214.4	19.1	10.8	15.8	314.3	321.1	2.2	36.8	6.1	64
17.2	47.3	4659.7	575.0	-3.7	-15.1	218.0	18.3	11.3	14.4	315.2	319.8	1.2	24.4	8.4	60
18.5	50.3	5119.6	550.0	-5.4	-17.0	217.6	17.6	11.4	13.9	317.7	320.1	0.7	14.9	9.7	57
19.9	53.1	5383.1	525.0	-7.0	-18.7	218.2	19.2	11.9	13.1	320.0	321.9	0.6	13.0	11.2	58
21.3	56.1	5721.6	500.0	-10.1	-23.0	224.3	18.8	13.4	13.2	320.8	324.4	0.5	13.3	12.7	53
23.3	59.4	6154.7	475.0	-12.8	-25.0	239.7	20.2	17.4	10.2	322.1	323.5	0.4	13.5	14.7	52
24.6	62.9	6504.7	450.0	-15.0	-27.0	245.5	23.6	21.6	9.9	323.6	324.9	0.3	13.8	16.8	54
26.2	66.1	6864.0	425.0	-18.2	-29.0	249.1	25.2	23.0	10.2	325.6	326.7	0.3	14.1	19.1	56
27.8	69.3	7216.5	400.0	-21.4	-31.4	245.8	28.2	25.7	11.5	327.2	328.1	0.2	14.4	21.7	57
29.4	72.3	7516.5	375.0	-25.2	-33.9	245.1	30.6	28.0	12.0	328.2	329.9	0.2	15.6	24.4	58
31.1	75.3	8414.0	350.0	-28.9	-36.7	245.8	34.7	31.9	13.7	329.7	330.7	0.3	27.8	27.8	59
33.0	81.3	8919.2	325.0	-33.7	-40.8	246.9	37.5	34.5	14.7	330.1	331.1	0.3	48.8	31.9	60
35.0	85.6	9455.7	300.0	-38.2	-42.6	243.8	42.1	37.8	16.5	331.5	332.5	0.3	62.8	36.5	61
37.0	90.3	10087.8	275.0	-43.5	-49.9	242.0	42.3	37.3	19.9	332.2	333.6	0.3	95.9	41.7	61
39.4	94.8	10721.6	250.0	-48.8	-55.9	240.9	46.1	47.3	24.4	333.6	335.9	0.3	99.9	47.9	61
41.9	99.8	11406.7	225.0	-52.7	-59.9	249.1	48.1	45.0	17.2	337.8	339.9	0.3	99.9	54.1	62
44.7	105.3	12159.2	200.0	-57.2	-59.9	252.0	48.6	45.4	14.4	342.2	344.9	0.3	99.9	62.1	63
48.0	110.9	12999.7	175.0	-59.2	-59.9	249.4	50.8	37.3	14.0	353.4	355.9	0.3	99.9	73.8	64
51.2	117.3	13969.6	150.0	-59.1	-59.9	251.8	40.9	38.0	12.5	364.2	366.2	0.3	99.9	74.5	65
55.5	124.7	15144.7	125.0	-62.2	-59.9	259.2	21.5	21.5	0.3	382.4	384.9	0.3	99.9	88.8	65
60.0	132.3	16462.4	100.0	-67.2	-59.9	265.2	29.7	29.7	2.2	397.9	399.9	0.3	99.9	97.0	67
65.3	140.7	18161.3	75.0	-75.2	-59.9	225.5	16.6	12.5	14.7	415.3	415.9	0.3	99.9	131.8	68
72.7	146.3	21633.8	50.0	-80.6	-59.9	232.1	5.1	4.0	3.4	504.9	504.9	0.3	99.9	151.8	68
84.4	158.7	25066.0	25.0	-90.0	-59.9	341.5	3.0	1.0	-2.9	641.3	641.3	0.3	99.9	101.6	65

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 U.G

STATION NO. 265  
MIDLAND, TEX

6 MAY 1975  
1445 GMT

TIME MIN	CHTCT	WFLGHT GPM	PHES MB	TEMP DG C	CH W PT DG C	PIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SLC	PCT T DG K	E PCT T DG K	M4 RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	12.0	873.0	910.9	16.6	-9.3	350.0	8.8	1.5	-8.7	297.9	303.9	2.1	16.2	184	14.0
00.9	55.9	96.9	1020.0	59.9	99.9	54.9	99.9	99.9	99.9	59.9	99.9	99.9	99.9	99.9	99.9
00.9	59.9	99.9	975.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	59.9	99.9	950.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	925.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	13.0	575.0	920.0	15.0	-3.7	347.0	10.9	2.5	-10.7	297.4	306.5	3.2	27.2	184	173.0
1.2	15.2	1212.4	875.0	12.7	-5.1	338.6	9.6	3.5	-9.0	297.4	306.5	3.2	27.2	184	173.0
2.0	17.4	1455.2	850.0	12.8	-3.9	309.4	9.3	7.2	-5.9	300.0	311.2	3.5	29.6	184	161.0
3.0	19.7	1706.4	825.0	13.4	-5.3	275.4	9.4	9.3	-8.9	303.2	313.1	3.5	29.6	184	146.0
4.0	21.9	1924.2	870.0	11.4	-5.3	266.5	10.0	10.0	0.3	303.7	313.1	3.2	30.5	184	133.0
4.9	24.4	2228.5	775.0	9.5	-6.4	251.8	9.2	10.8	2.9	304.4	313.4	3.1	31.9	184	123.0
5.9	26.7	2499.6	750.0	7.8	-7.8	248.2	13.6	12.7	5.1	305.4	313.8	2.8	32.1	184	112.0
7.0	29.2	2778.3	725.0	6.5	-8.1	245.0	16.6	15.1	7.0	306.9	315.5	2.9	34.5	184	101.0
7.9	31.8	3165.2	700.0	4.3	-9.3	233.8	16.5	13.3	9.8	307.6	315.7	2.7	36.4	184	92.0
9.0	34.6	3567.0	675.0	1.9	-10.4	228.1	17.1	12.7	11.4	308.1	315.7	2.6	39.5	184	84.0
9.3	37.1	3653.1	650.0	-0.5	-11.3	223.6	17.4	12.0	12.6	308.7	316.2	2.5	43.7	184	79.0
11.0	39.5	3976.6	625.0	-0.6	-17.7	222.7	20.2	13.7	14.9	312.0	316.8	1.5	25.9	184	73.0
12.1	42.6	4371.4	600.0	-2.9	-19.7	221.4	22.9	15.2	17.2	312.9	317.1	1.3	25.9	184	67.0
13.4	45.6	4677.2	575.0	-5.1	-22.3	217.4	21.5	13.2	17.0	314.1	317.7	1.1	24.3	184	63.0
14.7	48.7	4974.7	550.0	-7.9	-24.7	217.7	19.6	12.0	15.5	314.8	317.9	0.9	24.4	184	59.0
15.9	51.6	5344.7	525.0	-10.2	-27.5	237.0	20.4	14.9	13.6	316.2	318.7	0.8	22.6	184	57.0
17.2	54.9	5718.4	500.0	-13.0	-29.9	231.8	21.0	16.5	13.0	317.2	319.3	0.6	22.7	184	56.0
18.6	58.1	6117.5	475.0	-15.6	-32.1	231.5	22.0	17.2	13.7	318.7	320.5	0.5	22.6	184	56.0
20.0	61.6	6513.7	450.0	-17.9	-34.0	225.9	25.0	18.3	17.7	320.8	324.4	0.5	22.7	184	55.0
21.5	65.3	6939.3	425.0	-21.6	-37.1	223.6	27.3	18.9	15.6	321.3	324.6	0.4	22.8	184	54.0
23.0	68.9	7382.0	400.0	-24.8	-39.9	231.3	28.7	22.4	17.9	324.7	323.6	0.3	23.7	184	53.0
24.1	72.7	7849.4	375.0	-27.9	-42.4	242.0	30.0	26.5	14.1	324.7	325.5	0.2	23.2	184	53.0
25.7	76.8	8331.2	350.0	-31.2	-45.2	242.1	43.4	34.3	20.3	326.7	327.4	0.2	23.3	184	53.0
27.7	81.3	8861.4	325.0	-35.0	-48.5	236.3	43.7	38.1	25.3	328.4	329.3	0.1	23.5	184	53.0
29.3	85.5	9415.1	300.0	-39.5	-51.9	236.1	43.9	37.3	23.2	329.6	329.9	99.9	99.9	184	53.0
31.2	90.3	10004.2	275.0	-44.3	-55.9	241.0	45.0	39.3	21.9	331.1	329.9	99.9	99.9	184	53.0
33.3	95.4	10617.6	250.0	-47.9	-59.9	240.7	46.5	40.5	22.8	334.8	329.9	99.9	99.9	184	53.0
35.6	100.8	11326.8	225.0	-52.1	-64.1	244.1	44.7	40.2	19.6	338.7	329.9	99.9	99.9	184	53.0
37.9	105.9	12081.3	200.0	-56.0	-68.5	245.5	45.5	41.4	18.9	344.1	329.9	99.9	99.9	184	53.0
40.7	113.3	12929.8	175.0	-57.1	-71.9	246.5	39.1	35.9	15.6	353.7	329.9	99.9	99.9	184	53.0
43.9	120.3	13856.4	150.0	-58.3	-75.9	249.9	39.4	37.0	13.5	369.7	329.9	99.9	99.9	184	53.0
47.5	129.3	15444.8	125.0	-60.4	-80.9	259.8	36.8	38.2	6.9	385.7	329.9	99.9	99.9	184	53.0
51.9	136.5	16423.1	100.0	-63.8	-85.9	252.3	29.0	27.6	8.8	404.4	329.9	99.9	99.9	184	53.0
57.5	146.7	18176.1	75.0	-67.3	-91.9	88.3	3.6	-3.6	-0.1	431.0	329.9	99.9	99.9	184	53.0
65.5	153.0	20676.2	50.0	-57.8	-99.9	122.8	2.1	-1.7	1.1	507.2	329.9	99.9	99.9	184	53.0
77.7	161.3	25148.0	25.0	-50.1	-99.9	32.5	3.0	-1.6	-2.6	641.1	329.9	99.9	99.9	184	53.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270  
EL PASO, TX

6 MAY 1975  
1500 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	16.3	1193.0	878.6	11.0	-10.5	360.0	1.5	0.0	-1.5	295.1	303.8	2.0	21.0	0.0	0.
00.0	00.0	00.0	1000.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	975.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	950.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	925.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	875.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	850.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	825.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	800.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	775.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	750.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	725.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	700.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	675.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	650.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	625.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	600.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	575.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	550.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	525.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	500.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	475.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	450.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	425.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	400.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	375.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	350.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	325.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	300.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	275.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	250.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	225.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	200.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	175.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	150.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	125.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	100.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	75.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	50.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	25.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
00.0	00.0	00.0	0.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

6 MAY 1975  
1415 GMT

TIME MIN	CATCT	HEIGHT GPM	PRES MD	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SFC	POT T DG K	E PUT T DG K	MX CTO GM/KG	RH PCT	RANGE KM	AZ D
0.0	6.2	180.0	901.5	20.5	15.5	203.0	4.2	1.4	3.9	255.9	325.5	11.3	73.0	7.0	11.0
0.9	9.9	320.0	1000.0	99.9	99.9	99.9	99.9	92.9	99.9	55.9	99.9	99.9	99.9	99.9	99.9
0.6	7.5	320.0	975.0	16.5	14.5	99.9	99.9	99.9	99.9	255.2	323.4	10.7	77.6	99.9	99.9
1.5	6.6	575.5	950.0	16.5	14.7	55.9	99.9	99.9	99.9	255.4	324.7	11.2	69.1	99.9	99.9
2.2	1.1	775.4	925.0	16.0	16.5	213.9	9.3	5.2	7.7	259.2	312.2	12.9	97.9	0.9	17.0
3.1	1.4	1075.8	900.0	16.4	15.6	205.1	9.8	4.8	6.5	300.0	333.1	12.5	95.2	1.3	22.0
4.1	15.5	1249.8	875.0	15.2	10.1	105.6	9.3	3.1	6.7	301.8	325.1	9.7	71.8	1.9	23.0
5.1	17.5	1499.1	850.0	13.4	8.6	157.9	7.4	2.3	7.0	301.3	323.9	8.3	72.5	2.4	22.0
6.3	19.7	1745.1	825.0	12.0	6.4	240.0	4.0	3.5	2.3	302.2	322.0	7.4	69.0	2.8	23.0
7.3	21.7	2014.1	800.0	11.0	-6.4	253.1	5.7	5.4	1.7	304.5	317.5	4.7	42.8	3.0	26.0
8.4	24.7	2268.8	775.0	9.8	-1.7	253.1	5.7	5.4	1.6	304.5	317.4	4.4	44.4	3.3	31.0
9.4	26.1	2540.4	750.0	7.4	-1.1	258.9	7.6	7.4	1.5	305.2	318.7	4.7	54.9	3.6	37.0
10.6	28.5	2818.8	725.0	5.3	-2.1	259.8	8.4	8.3	1.5	305.8	319.9	4.5	58.9	4.0	42.0
11.6	30.8	3104.7	700.0	3.3	-2.4	262.0	7.8	7.7	1.1	306.7	323.0	4.6	66.2	4.4	46.0
12.8	33.3	3398.7	675.0	0.9	-2.8	263.5	9.2	6.2	1.0	307.3	320.7	4.6	76.0	4.9	50.0
14.0	35.7	3701.4	650.0	-1.6	-2.7	267.2	10.8	10.8	0.5	307.8	321.3	4.8	92.4	5.5	55.0
15.3	38.2	4012.4	625.0	-4.4	-0.0	270.6	12.7	12.7	-0.2	307.9	319.4	3.9	88.7	6.3	59.0
16.4	40.7	4333.6	600.0	-5.7	-15.7	264.6	14.3	13.8	-3.6	309.8	315.7	1.9	46.2	7.0	63.0
17.6	43.3	4665.7	575.0	-8.2	-19.4	303.9	16.6	13.8	-9.2	310.5	315.3	1.4	47.0	7.8	70.0
18.9	46.2	5000.1	550.0	-11.3	-22.3	311.8	18.9	12.4	-11.6	310.8	314.5	1.2	36.6	8.5	78.0
20.3	49.1	5364.3	525.0	-13.3	-29.3	311.8	15.3	11.4	-11.2	312.5	314.6	0.6	24.6	9.3	85.0
21.8	52.0	5735.2	500.0	-14.0	-35.0	309.4	16.0	12.3	-10.1	316.3	317.7	0.5	20.0	10.3	96.0
23.2	55.1	6120.9	475.0	-15.6	-30.7	310.1	15.9	12.2	-10.2	316.6	323.8	0.6	25.1	11.5	95.0
24.7	58.3	6523.6	450.0	-16.3	-34.5	307.8	16.6	13.1	-11.6	320.3	321.8	0.5	22.5	12.6	98.0
26.4	61.4	6913.8	425.0	-21.5	-37.1	307.4	17.0	14.0	-12.4	321.4	323.7	0.4	22.7	14.2	102.0
28.1	65.3	7357.6	400.0	-25.0	-40.0	309.4	19.6	14.1	-12.4	322.5	323.6	0.3	22.9	15.9	105.0
29.9	68.3	7866.2	375.0	-28.1	-42.7	306.3	17.4	17.4	-11.6	324.3	325.2	0.2	23.1	18.0	108.0
32.7	72.3	8356.0	350.0	-31.8	-45.8	299.0	20.0	22.5	-13.0	325.9	326.5	0.2	23.3	20.7	113.0
34.1	76.0	8876.5	325.0	-35.4	-49.1	294.5	25.7	27.4	-10.7	327.8	328.3	0.1	23.7	24.1	111.0
36.4	80.3	9423.2	300.0	-39.6	99.9	290.8	30.7	28.7	-10.9	329.5	999.9	99.9	95.9	28.0	111.0
38.7	84.6	10018.4	275.0	-44.8	99.9	286.8	32.3	30.4	-10.9	330.4	999.9	99.9	99.9	32.3	111.0
41.1	89.2	10649.0	250.0	-49.7	99.9	282.4	36.5	36.7	-7.8	332.2	999.9	99.9	99.9	37.2	110.0
44.1	94.4	11330.4	225.0	-54.9	99.9	282.7	40.7	36.7	-8.4	334.4	999.9	99.9	99.9	44.0	109.0
47.0	99.8	12075.7	200.0	-59.3	99.9	288.8	34.2	37.1	-12.7	334.4	999.9	99.9	99.9	50.6	109.0
50.1	105.7	12900.0	175.0	-63.3	60.4	288.3	31.7	33.2	-12.8	342.2	999.9	99.9	99.9	57.4	109.0
53.5	112.3	13832.8	150.0	-66.4	59.9	295.3	29.4	29.0	-12.6	351.7	999.9	99.9	99.9	64.7	108.0
57.7	119.7	14945.1	125.0	-63.3	59.9	375.5	19.1	15.5	-11.1	380.3	999.9	99.9	99.9	73.6	109.0
62.6	128.3	16228.6	100.0	-59.7	99.9	121.5	17.5	-14.9	9.1	412.4	999.9	99.9	99.9	77.6	109.0
69.1	138.7	18126.7	75.0	-62.9	99.9	269.1	16.9	16.9	0.3	441.1	999.9	99.9	99.9	83.1	109.0
77.8	148.3	23647.5	50.0	-59.6	99.9	0.3	6.2	-0.0	-0.2	505.5	999.9	99.9	99.9	84.9	110.0
91.6	159.3	25065.2	25.0	-49.5	99.9	153.4	2.2	-1.0	1.9	642.2	999.9	99.9	99.9	83.4	111.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY



STATION NO. 140  
 LITTLE ROCK, ARK

 6 MAY 1975  
 1459 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.5	79.0	999.3	22.2	17.1	156.0	5.2	-2.6	4.5	297.1	129.7	12.4	73.0	6.0	3.
09.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.7	8.1	292.7	575.0	20.3	15.7	140.3	7.4	-4.7	5.7	257.2	327.7	11.6	74.5	6.3	327.
1.4	11.4	516.8	950.0	18.6	13.3	156.2	11.2	-8.0	10.4	257.6	328.3	11.6	81.0	0.6	331.
2.0	12.6	745.9	925.0	17.9	16.0	155.7	10.3	-4.2	9.4	269.3	332.4	12.5	88.5	1.1	335.
2.8	15.1	980.9	910.0	17.2	14.8	150.4	15.0	2.7	14.8	307.9	332.6	11.9	85.4	1.6	336.
3.7	17.3	1222.0	875.0	16.7	13.7	157.7	18.9	5.4	14.0	302.6	332.0	10.6	78.6	2.5	356.
4.5	18.9	1465.1	850.0	15.7	8.9	177.3	18.6	-0.6	12.6	333.7	327.2	8.3	64.3	3.2	357.
5.3	22.1	1721.7	825.0	13.0	6.3	185.9	13.2	1.4	13.1	303.3	323.2	7.2	62.5	3.8	357.
6.3	24.7	1987.6	800.0	12.2	7.9	166.1	12.2	3.4	11.7	303.2	323.0	6.4	75.1	4.5	367.
7.1	27.0	2246.5	775.0	10.5	7.5	200.3	10.4	3.6	5.8	300.2	323.4	8.4	81.5	5.0	2.
7.9	29.8	2520.0	750.0	9.4	5.1	203.9	7.7	3.1	7.1	307.8	328.6	7.4	74.1	5.5	3.
8.4	32.4	2801.3	725.0	8.3	3.8	211.8	7.0	3.7	5.9	303.4	329.3	7.0	73.3	5.8	5.
9.5	35.2	3091.1	700.0	6.9	1.7	220.1	7.0	4.3	5.3	310.9	323.3	6.2	69.5	6.1	7.
10.7	37.9	3365.1	675.0	4.4	-0.1	231.8	6.6	5.2	4.1	311.3	327.7	5.7	72.8	6.5	9.
11.7	40.7	3655.4	650.0	1.7	-1.3	237.9	6.6	5.6	3.5	311.5	327.2	5.4	80.7	6.7	11.
12.6	43.6	4010.9	625.0	0.0	-6.5	237.2	7.1	6.0	3.9	312.9	322.8	3.2	52.5	7.0	13.
13.6	46.8	4336.5	600.0	-2.4	-11.0	244.0	7.5	6.7	3.3	313.6	322.0	2.7	51.5	7.3	16.
14.7	49.9	4672.4	575.0	-5.7	-14.0	249.6	8.1	7.6	2.8	313.6	320.5	2.2	51.7	7.6	19.
15.8	52.9	5019.1	550.0	-8.5	-16.3	255.5	7.9	7.7	2.0	314.2	320.3	1.9	53.2	8.3	22.
17.1	56.3	5378.7	525.0	-9.9	-14.6	273.4	6.3	6.3	-0.4	310.5	317.3	0.4	11.2	8.3	26.
18.2	59.4	5754.1	500.0	-11.7	-17.9	280.4	7.5	7.3	-1.4	319.7	319.1	0.1	3.1	8.4	28.
19.5	62.9	6142.0	475.0	-14.6	-18.7	272.6	10.4	10.4	-0.5	319.3	323.2	0.1	3.6	8.7	33.
20.9	66.3	6522.6	450.0	-17.0	-19.6	269.3	10.9	10.9	0.1	321.8	322.1	0.1	4.0	9.2	38.
22.2	70.1	6978.0	425.0	-21.0	-21.2	266.1	13.0	13.0	0.7	322.7	322.3	0.1	4.6	9.7	41.
23.7	73.7	7422.8	400.0	-24.7	-27.8	264.5	16.1	16.1	1.6	322.8	323.2	0.1	9.6	17.8	47.
25.4	77.8	7889.1	375.0	-28.0	-29.7	258.6	18.3	18.0	3.6	324.5	324.4	0.1	10.1	12.2	51.
27.3	81.8	8381.9	350.0	-30.5	-32.4	251.3	19.9	18.8	6.5	327.6	327.9	0.1	5.4	14.4	55.
29.4	86.3	8933.9	325.0	-35.0	-37.7	251.7	18.8	16.0	5.3	328.3	328.6	0.1	99.9	16.2	58.
31.1	90.6	9456.6	300.0	-40.0	-44.5	253.9	17.9	17.2	5.0	329.0	99.9	99.9	99.9	21.1	60.
32.8	95.3	10045.2	275.0	-44.5	-48.9	258.7	18.1	17.8	3.5	330.8	99.9	99.9	99.9	22.5	62.
35.0	100.4	11277.3	250.0	-48.9	-52.4	260.2	20.3	20.0	3.5	333.4	99.9	99.9	99.9	25.2	67.
37.6	105.8	11841.3	225.0	-53.6	-59.9	263.2	20.7	20.6	1.5	336.4	99.9	99.9	99.9	31.9	69.
40.2	111.5	12109.9	200.0	-58.8	-63.3	263.2	18.0	17.8	2.1	339.6	99.9	99.9	99.9	38.0	72.
43.0	117.8	12901.1	175.0	-62.3	-69.9	269.6	27.6	27.6	0.2	347.1	99.9	99.9	99.9	45.4	75.
46.4	125.0	13566.7	150.0	-64.6	-69.9	264.0	33.9	33.7	3.5	350.8	99.9	99.9	99.9	51.6	78.
50.4	132.3	14937.8	125.0	-65.0	-69.9	273.2	29.5	29.5	-1.7	377.3	99.9	99.9	99.9	55.9	81.
54.9	140.7	16369.9	100.0	-62.5	-69.9	292.1	18.6	15.4	-6.3	404.9	99.9	99.9	99.9	99.9	99.9
60.6	148.0	19151.1	74.0	-63.5	-69.9	309.5	10.2	7.9	-6.5	430.5	99.9	99.9	99.9	99.9	99.9
69.9	96.3	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 345  
MONETTE, MD

6 MAY 1975  
1519 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	F POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	7.9	438.0	957.0	23.7	19.2	190.0	4.6	3.8	4.5	322.0	342.3	14.8	76.0	0.0	0
00.0	99.9	99.9	1036.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	8.4	512.4	950.0	22.9	19.0	211.3	13.2	6.8	11.3	302.3	329.3	13.8	73.8	0.4	25
1.0	10.3	734.4	925.0	20.4	16.4	213.3	12.7	7.0	10.6	301.9	336.3	12.8	77.9	0.8	28
1.9	12.3	971.1	900.2	18.9	15.4	219.2	11.6	7.3	9.0	302.7	336.0	12.4	80.2	1.3	32
2.8	14.4	1213.3	875.0	17.4	14.1	221.1	12.1	7.9	9.1	303.5	335.1	11.7	82.8	2.0	35
3.7	16.3	1461.0	850.0	15.8	13.6	214.1	8.9	5.0	7.4	304.2	335.9	11.6	86.9	2.7	36
4.7	18.5	1714.4	825.0	13.7	12.0	201.2	8.3	3.0	7.7	304.6	334.0	10.8	89.3	3.1	34
5.7	20.6	1974.0	800.0	12.5	10.2	193.7	6.4	0.4	6.4	305.8	332.9	9.8	85.6	3.6	32
6.9	22.9	2241.4	775.0	11.0	7.6	190.4	4.7	0.9	4.6	305.8	330.5	8.5	79.5	3.9	29
9.0	25.1	2514.0	750.0	9.7	4.7	184.6	4.5	1.1	4.3	304.1	328.5	7.2	71.1	4.5	27
9.0	27.3	2755.7	725.0	9.2	-1.5	204.1	4.7	1.9	4.3	310.1	328.0	4.7	47.1	4.5	27
10.1	29.3	3085.4	700.0	6.9	-5.4	216.3	4.8	2.9	3.9	310.5	321.4	3.6	41.0	4.8	27
11.2	32.2	3383.1	675.0	4.6	-8.2	232.1	5.9	5.3	2.7	311.2	323.4	3.1	38.8	5.1	28
12.4	34.8	3693.4	650.0	2.2	-15.0	242.5	7.3	6.5	3.4	311.7	317.4	1.5	25.7	6.0	34
13.5	37.2	4003.7	625.0	-0.4	-17.6	234.5	9.4	7.6	5.4	312.2	317.0	0.9	23.6	6.5	38
14.7	39.4	4329.5	600.0	-2.8	-19.1	232.2	11.1	8.8	8.7	313.0	317.4	1.4	27.1	6.7	36
16.2	42.4	4655.3	575.0	-5.4	-21.1	225.4	12.3	8.8	8.7	313.8	317.8	1.2	27.6	7.5	38
17.2	45.3	5112.3	550.0	-7.8	-25.0	225.9	13.3	10.2	8.6	315.0	318.0	0.9	23.6	8.5	38
18.5	48.1	5373.0	525.0	-9.3	-26.3	225.7	15.1	12.5	8.5	317.2	321.1	0.8	23.6	9.6	40
19.9	51.0	5748.1	500.0	-11.5	-28.1	218.1	16.1	13.6	8.5	319.0	324.6	0.7	23.7	10.8	42
21.4	54.1	6139.4	475.0	-14.6	-30.7	212.3	15.9	14.1	7.4	319.9	324.0	0.6	23.9	12.1	44
22.9	57.1	6546.5	450.0	-17.4	-33.0	240.4	17.0	14.8	6.4	321.4	323.2	0.5	24.0	13.6	46
24.4	60.6	6972.1	425.0	-20.6	-34.8	240.7	16.8	14.6	6.2	322.5	324.0	0.4	24.1	15.1	48
26.0	64.0	7417.6	400.0	-23.8	-38.5	241.9	14.8	14.4	7.9	324.0	325.2	0.3	24.3	16.7	49
27.8	67.5	7855.6	375.0	-27.5	-41.6	237.4	17.2	14.5	9.1	325.2	326.1	0.3	24.4	18.5	51
29.7	71.2	8379.0	350.0	-30.8	-44.4	232.2	17.1	13.5	10.5	327.2	328.0	0.2	24.6	20.4	51
31.4	75.2	8911.1	325.0	-34.7	-47.8	229.2	15.3	11.6	10.0	328.7	329.3	0.2	24.6	22.1	51
33.3	79.5	9454.8	300.0	-39.5	-50.9	226.9	16.3	12.4	10.5	329.6	329.9	0.9	99.9	23.9	50
35.4	83.8	10043.4	275.0	-44.4	-54.4	231.6	18.2	14.3	11.3	330.6	329.9	99.9	99.9	26.0	51
37.7	88.6	10675.0	250.0	-49.4	-59.9	240.2	19.1	16.5	9.5	332.7	329.9	99.9	99.9	28.5	51
40.1	93.8	11358.3	225.0	-53.9	-64.0	244.0	18.7	14.0	5.1	335.0	329.9	99.9	99.9	31.2	52
42.9	99.3	12106.2	200.0	-58.6	-69.9	250.2	19.1	16.0	6.5	342.1	329.9	99.9	99.9	34.3	54
45.9	105.5	12935.7	175.0	-61.3	-73.0	253.6	17.8	17.1	5.0	348.7	329.9	99.9	99.9	37.3	56
49.1	112.3	13890.9	150.0	-62.9	-76.0	257.3	24.1	23.5	5.3	361.7	329.9	99.9	99.9	40.5	57
52.7	120.0	15011.0	125.0	-62.0	-79.9	273.2	15.9	15.9	-0.9	362.8	329.9	99.9	99.9	44.8	63
57.2	129.0	16414.3	100.0	-60.0	-84.0	278.6	11.2	11.0	-1.9	411.6	329.9	99.9	99.9	47.4	63
63.1	139.0	18194.4	75.0	-63.1	-89.9	338.8	5.8	2.1	-5.4	440.6	329.9	99.9	99.9	49.9	66
70.8	159.0	23731.6	50.0	-59.4	-99.9	80.7	1.3	-1.3	-0.2	503.4	329.9	99.9	99.9	49.1	66
82.5	156.5	25191.1	25.0	-50.1	-99.9	90.8	0.9	-0.9	0.0	641.8	329.9	99.9	99.9	48.2	68

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 353  
 OKLAHOMA CITY, OKLA

 6 MAY 1975  
 1500 GMT

TIME MIN	CNTCT	HEIGHT GPM	PPES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E PUT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	9.2	392.0	958.0	21.1	18.9	180.0	6.2	0.0	6.2	259.7	338.0	14.5	87.0	0.0	0.
0.0	99.9	99.9	1000.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	9.0	474.1	950.0	21.5	20.1	238.9	6.1	5.3	3.2	301.1	343.1	15.9	92.2	0.6	5.
1.1	12.0	705.5	925.0	19.0	17.8	247.4	5.8	5.3	2.2	300.7	337.9	14.0	92.3	0.8	19.
2.0	14.3	541.5	900.0	17.8	16.7	221.6	10.2	6.8	7.6	301.6	337.5	13.4	93.2	1.2	29.
3.0	16.5	1142.3	875.0	15.5	14.7	233.1	9.7	7.8	5.9	301.4	332.0	11.6	91.1	1.8	34.
4.0	18.9	1429.7	850.0	14.7	13.6	233.3	16.9	4.8	9.5	302.9	337.6	10.2	82.0	2.3	40.
4.9	21.1	1661.0	825.0	12.5	11.4	215.5	11.1	6.5	9.1	303.2	331.4	10.4	93.1	3.0	41.
6.0	23.9	1939.5	800.0	12.5	10.3	223.0	13.1	9.9	9.5	305.6	327.4	7.8	65.0	3.7	43.
7.0	25.9	2206.7	775.0	13.2	9.3	212.6	14.9	8.3	12.6	308.7	323.4	5.1	41.1	4.6	40.
8.1	28.5	2481.7	750.0	11.0	-1.1	216.1	14.1	8.3	11.4	309.1	322.8	4.7	42.9	5.5	39.
9.2	31.2	2763.5	725.0	9.4	-5.1	217.4	16.1	9.8	12.8	311.3	321.0	3.6	35.4	6.5	39.
10.3	33.9	3052.7	700.0	7.2	-2.6	212.5	18.6	10.0	15.7	311.1	324.4	4.5	49.5	7.6	38.
11.4	36.4	3351.7	675.0	4.6	-5.0	211.7	19.0	10.3	16.2	311.2	322.9	3.9	49.9	8.9	37.
12.5	39.3	3652.8	650.0	1.9	-11.5	210.7	20.1	10.3	17.1	311.5	318.9	2.4	36.0	17.2	37.
13.7	42.0	3972.6	625.0	-1.0	-14.2	205.3	18.3	7.8	16.5	311.5	317.9	2.0	35.8	11.6	36.
14.8	45.0	4296.5	600.0	-4.2	-16.3	203.0	18.4	7.2	17.0	311.5	317.0	1.8	38.0	12.9	34.
15.9	48.0	4630.8	575.0	-6.5	-16.4	213.3	21.6	11.9	18.1	312.6	318.2	1.8	43.5	14.5	34.
17.7	50.7	4976.5	550.0	-9.6	-16.7	219.7	23.2	14.8	17.8	312.5	318.8	1.9	56.0	16.4	34.
19.1	54.1	5333.9	525.0	-12.5	-20.5	221.3	24.1	15.9	18.1	313.5	318.0	1.4	51.4	18.3	35.
20.5	57.1	5706.6	500.0	-12.5	-34.6	208.1	25.6	12.1	22.6	317.8	319.2	0.4	13.8	23.4	35.
21.8	60.6	6056.8	475.0	-14.9	-36.4	203.4	22.7	9.0	20.8	319.5	327.8	0.4	14.0	22.4	34.
23.2	64.2	6532.9	450.0	-18.6	-36.0	209.0	24.8	12.0	21.7	319.9	321.2	0.4	19.7	24.2	33.
24.8	67.7	6926.5	425.0	-21.9	-40.1	218.2	23.0	14.2	18.1	327.8	321.8	0.3	17.3	26.7	33.
26.5	71.3	7365.3	400.0	-25.8	-41.7	215.4	22.7	13.2	18.5	321.4	322.3	0.2	20.8	29.0	34.
28.1	75.3	7833.7	375.0	-29.2	-45.9	216.7	25.4	15.2	20.4	322.9	323.5	0.2	17.9	31.1	34.
29.8	79.5	8323.1	350.0	-32.9	-49.6	221.6	25.1	16.6	18.8	328.2	328.8	0.1	16.8	33.7	34.
31.8	83.5	8841.1	325.0	-36.2	-52.9	239.9	20.4	17.7	10.2	328.7	327.0	0.1	15.7	36.4	35.
33.9	88.0	9307.6	300.0	-43.8	-59.9	240.9	34.6	31.3	16.8	327.9	999.9	99.9	999.9	39.2	37.
36.0	92.8	9777.0	275.0	-45.5	99.9	241.8	36.8	32.5	17.4	329.4	999.9	99.9	999.9	43.6	40.
38.3	97.8	10311.0	250.0	-54.3	99.9	237.2	38.0	31.9	20.6	331.2	999.9	99.9	999.9	48.7	42.
40.8	103.7	11266.8	225.0	-54.3	99.9	230.5	38.2	32.9	19.3	333.3	999.9	99.9	999.9	53.9	44.
43.4	109.8	12333.4	200.0	-58.5	99.9	242.4	26.0	23.1	12.1	340.1	999.9	99.9	999.9	59.6	45.
46.3	114.8	13464.6	175.0	-62.3	99.9	239.7	41.6	35.9	21.0	347.1	999.9	99.9	999.9	65.9	46.
49.5	121.5	15824.8	150.0	-59.5	99.9	248.3	33.5	31.1	12.4	357.7	999.9	99.9	999.9	71.9	48.
53.2	128.7	18972.7	125.0	-58.6	99.9	249.6	21.5	20.2	7.5	368.2	999.9	99.9	999.9	77.6	50.
57.7	136.3	15372.0	100.0	-59.9	99.9	250.6	13.5	12.8	4.5	412.1	999.9	99.9	999.9	81.4	51.
63.4	144.2	18165.1	75.0	-62.8	99.9	257.9	11.2	10.9	2.3	441.3	999.9	99.9	999.9	83.8	51.
71.1	152.0	20688.0	50.0	-58.3	99.9	41.0	5.4	-3.5	-4.0	566.1	999.9	99.9	999.9	82.6	52.
82.9	160.3	25133.0	25.0	-49.3	99.9	47.7	1.7	-1.3	-1.2	643.5	999.9	99.9	999.9	81.2	52.

\* BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY S EEO MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

59

STATION NO. 343  
AMARILLO, TEX

6 MAY 1975  
1415 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	1095.0	882.4	12.2	-11.4	290.0	12.8	12.0	-4.4	246.0	301.3	1.8	18.0	194	15.0
00.9	09.3	99.9	1000.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	09.9	99.9	975.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	09.9	99.9	950.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	09.9	99.9	925.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	09.9	99.9	900.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	09.9	99.9	875.0	11.6	-6.0	271.2	25.1	25.1	-0.5	246.3	304.2	2.8	28.5	204	12.0
0.2	14.1	1165.5	850.0	8.9	-8.6	274.6	18.8	18.7	-1.5	295.7	302.4	2.3	27.7	194	10.0
1.0	16.3	1474.2	825.0	7.5	-11.6	272.4	21.0	21.0	-0.9	296.8	302.4	1.9	24.3	204	10.0
1.9	18.2	1652.5	800.0	6.5	-12.4	256.2	22.1	21.5	5.0	299.3	303.7	1.8	24.3	204	10.0
2.7	20.4	1905.4	775.0	5.2	-12.4	249.2	27.8	26.0	9.9	299.7	305.1	1.9	26.6	204	10.0
3.6	22.5	2144.2	750.0	3.3	-12.0	243.3	28.8	25.8	13.0	300.4	306.4	2.0	31.3	204	10.0
4.4	24.9	2432.0	725.0	1.2	-15.9	245.9	30.7	28.0	12.6	306.9	305.5	1.5	26.7	204	10.0
5.4	27.0	2705.6	700.0	1.3	-18.7	244.1	34.3	30.8	15.0	304.0	307.9	1.2	20.9	204	10.0
6.3	29.4	2967.9	675.0	-0.3	-20.3	239.1	32.5	27.9	16.7	305.4	309.0	1.2	21.0	204	10.0
7.1	31.5	3279.7	650.0	-2.2	-21.5	231.4	30.9	24.2	19.3	306.6	309.0	1.1	21.0	204	10.0
7.9	34.4	3581.3	625.0	-1.7	-20.9	220.9	31.3	24.5	22.7	310.7	314.6	1.2	23.2	204	10.0
8.8	36.8	3892.5	600.0	-3.8	-20.9	214.1	33.2	18.6	27.5	311.8	315.6	1.2	25.2	204	10.0
9.9	39.4	4216.1	575.0	-6.3	-22.9	211.8	33.7	17.7	28.6	312.7	318.1	1.3	25.3	204	10.0
10.9	42.0	4550.0	550.0	-8.5	-25.0	213.0	31.6	17.2	24.5	314.1	317.0	0.9	24.9	204	10.0
12.0	44.4	4857.0	525.0	-10.6	-26.8	218.9	29.5	18.5	22.9	315.7	318.4	0.8	23.0	204	10.0
13.2	47.6	5256.4	500.0	-13.4	-30.3	224.4	26.1	18.3	18.7	316.7	318.8	0.6	23.0	204	10.0
14.5	50.6	5629.7	475.0	-15.8	-32.1	227.0	33.5	24.5	22.8	318.4	320.3	0.5	23.1	204	10.0
15.8	53.5	6014.1	450.0	-17.7	-33.7	225.4	29.8	21.2	20.9	321.0	322.7	0.5	23.2	204	10.0
17.3	56.5	6424.2	425.0	-20.7	-35.8	228.4	30.6	22.9	20.3	322.4	323.9	0.4	24.4	204	10.0
18.5	59.9	6849.5	400.0	-24.6	-39.3	229.3	26.0	19.7	16.9	322.9	324.1	0.3	24.8	204	10.0
19.8	63.3	7294.3	375.0	-28.1	-41.9	230.4	28.5	22.0	18.2	324.4	325.3	0.2	24.9	204	10.0
21.0	66.6	7761.0	350.0	-32.7	-45.0	233.8	27.7	22.4	16.4	324.6	325.3	0.2	27.6	204	10.0
22.0	70.3	8251.6	325.0	-37.2	-49.0	232.1	32.8	26.1	15.8	325.3	325.8	0.1	27.8	204	10.0
23.9	74.3	8762.4	300.0	-41.4	-59.9	232.1	33.5	26.5	20.6	327.0	327.0	0.9	27.8	204	10.0
25.4	78.2	9316.9	275.0	-46.5	-66.5	233.6	28.9	23.3	17.1	327.9	327.9	0.9	27.8	204	10.0
27.2	82.4	9800.7	250.0	-51.4	-69.9	234.5	28.5	23.2	16.5	329.7	329.7	0.9	27.8	204	10.0
28.9	87.3	10266.3	225.0	-56.0	-69.9	234.5	32.1	25.4	15.6	332.7	332.7	0.9	27.8	204	10.0
30.7	92.1	11271.1	200.0	-58.8	-69.9	238.2	41.1	35.0	21.6	339.7	339.7	0.9	27.8	204	10.0
32.7	97.4	11946.4	175.0	-57.8	-69.9	240.7	35.3	30.7	17.5	354.6	354.6	0.9	27.8	204	10.0
35.0	103.3	12764.7	150.0	-55.3	-69.9	241.6	33.3	29.3	15.6	374.2	374.2	0.9	27.8	204	10.0
37.6	110.1	13762.6	125.0	-56.0	-69.9	240.5	26.3	22.9	13.0	393.6	393.6	0.9	27.8	204	10.0
40.6	117.3	14924.4	100.0	-58.2	-69.9	286.9	7.0	6.7	-2.0	415.3	415.3	0.9	27.8	204	10.0
43.8	126.3	16331.0	75.0	-62.8	-69.9	242.7	11.9	10.6	5.4	441.3	441.3	0.9	27.8	204	10.0
48.1	136.5	18124.9	50.0	-58.4	-69.9	226.1	9.8	7.1	6.8	505.6	505.6	0.9	27.8	204	10.0
53.8	147.5	20443.2	25.0	-51.0	-69.9	208.5	4.1	3.9	-1.3	638.3	638.3	0.9	27.8	204	10.0
63.1	160.8	23068.0	25.0	-51.0	-69.9	208.5	4.1	3.9	-1.3	638.3	638.3	0.9	27.8	204	10.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

MAY 1975  
1415 GMT

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• PV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

• EY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NC. 433  
SALEM, ILL

6 MAY 1975  
1500 GMT

TIME MIN	CNTCT	WEIGHT GMM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	5.6	175.0	989.0	23.0	10.9	190.0	3.1	0.5	3.1	294.2	30.5	8.3	46.0	2.0	C.
0.0	50.9	989.9	1000.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	989.9	989.9	999.9
0.4	6.8	259.1	975.0	21.2	16.7	98.9	98.9	98.9	98.9	298.1	330.8	12.4	75.7	989.9	999.9
1.1	5.0	527.9	950.0	19.3	17.4	98.9	98.9	98.9	98.9	298.5	333.6	13.3	88.8	989.9	999.9
1.9	11.1	754.1	925.0	19.0	18.6	98.9	98.9	98.9	98.9	301.3	330.4	11.4	75.8	989.9	999.9
2.6	13.4	945.7	900.0	17.6	19.7	98.9	98.9	98.9	98.9	301.3	333.5	12.1	84.8	989.9	999.9
3.4	15.6	1237.6	875.0	16.0	18.6	111.2	2.1	-2.7	0.8	301.5	323.8	8.2	61.9	0.1	52.
4.2	17.9	1476.5	850.0	14.6	6.0	117.4	3.5	-3.1	1.6	302.4	321.5	6.5	56.2	0.1	325.
5.1	20.2	1728.6	825.0	13.2	5.8	157.6	2.6	-1.0	2.4	303.5	323.1	7.1	61.0	0.3	311.
5.9	22.5	1566.8	800.0	11.2	4.9	215.3	2.3	1.3	1.9	306.3	323.1	6.8	65.0	0.4	324.
6.8	25.0	2251.1	775.0	9.2	5.0	246.3	2.9	2.9	0.2	308.7	324.5	7.1	75.0	0.4	347.
7.7	27.3	2522.4	750.0	7.0	4.9	262.3	4.7	4.7	0.5	305.1	325.5	7.3	86.3	0.4	17.
8.6	29.3	2800.6	725.0	4.8	2.1	252.4	7.1	6.7	2.1	305.5	323.0	6.2	82.8	0.6	44.
9.4	32.5	3096.6	700.0	3.5	-5.9	253.0	8.9	8.5	2.6	308.9	317.4	3.6	51.6	1.7	55.
10.4	35.2	3391.1	675.0	2.1	-14.1	267.1	8.8	8.8	0.4	308.2	314.3	1.9	29.0	1.5	62.
11.3	37.5	3684.4	650.0	-0.3	-16.3	280.7	10.0	9.7	-1.9	308.9	314.0	1.6	28.5	1.9	71.
12.3	40.5	3966.9	625.0	-2.6	-17.9	288.7	12.0	11.4	-3.9	309.7	314.4	1.5	29.6	2.5	79.
13.5	43.3	4218.1	600.0	-5.1	-20.2	295.2	14.2	13.8	-6.0	310.4	314.4	1.3	29.3	3.1	89.
14.6	46.2	4652.2	575.0	-7.6	-22.6	298.3	13.7	12.2	-6.2	311.2	314.8	1.1	29.1	4.2	94.
15.9	49.3	4997.2	550.0	-9.8	-32.8	303.5	12.0	11.5	-7.0	311.6	315.1	0.4	12.3	5.0	99.
16.9	52.1	5356.4	525.0	-10.3	-33.8	293.2	12.6	11.6	-5.7	316.0	317.5	0.4	12.4	5.9	102.
18.2	55.2	5731.2	500.0	-15.2	-38.4	287.2	14.2	13.5	-4.2	318.2	319.7	0.5	15.2	6.8	103.
19.4	58.7	6121.3	475.0	-14.4	-38.1	281.4	15.7	15.4	-3.1	320.2	321.7	0.4	16.6	8.0	103.
20.8	61.4	6528.6	450.0	-17.7	-35.7	278.6	16.0	16.4	-2.5	321.0	322.4	0.4	18.5	9.3	103.
22.2	64.9	6957.6	425.0	-21.3	-35.4	278.0	18.2	18.0	-2.5	321.7	322.7	0.3	17.6	10.8	102.
23.7	68.3	7364.2	400.0	-24.8	-42.3	279.4	20.5	20.2	-3.4	322.7	323.5	0.2	17.7	12.5	102.
25.2	71.8	7864.1	375.0	-28.5	-45.3	279.9	21.6	21.3	-3.7	323.8	324.5	0.2	18.0	14.4	101.
27.0	75.7	8355.3	350.0	-31.4	-47.6	281.1	23.2	22.8	-4.5	324.4	326.9	0.1	18.2	16.7	101.
28.7	79.9	8874.8	325.0	-36.0	-51.4	288.6	22.9	21.7	-7.3	327.0	327.4	0.1	18.6	19.1	101.
30.6	83.8	9425.6	300.0	-41.3	99.9	291.1	26.2	25.4	-9.4	327.1	325.9	0.5	99.9	22.0	103.
32.7	88.2	10112.7	275.0	-44.7	99.9	291.4	27.0	25.2	-5.9	327.5	325.9	0.9	99.9	25.2	104.
34.8	92.1	11645.5	250.0	-47.5	99.9	288.7	25.4	24.0	-8.1	335.5	325.9	0.9	99.9	28.5	105.
36.9	97.6	11334.1	225.0	-52.7	99.9	285.4	30.5	28.8	-10.2	337.8	325.9	0.9	99.9	32.0	105.
39.4	102.8	12767.2	200.0	-57.5	99.9	284.2	31.4	30.4	-7.7	341.6	325.9	0.9	99.9	36.8	105.
42.1	108.9	12919.1	175.0	-62.6	99.9	277.4	29.3	28.1	-3.8	346.7	325.9	0.9	99.9	41.6	105.
45.0	115.2	13862.2	150.0	-65.5	99.9	277.1	31.2	30.9	-3.9	357.2	325.9	0.9	99.9	46.9	103.
48.7	122.1	14991.3	125.0	-61.4	99.9	312.3	17.0	14.4	-9.1	363.8	325.9	0.9	99.9	52.5	104.
53.1	130.3	15392.2	100.0	-54.4	99.9	296.9	14.7	12.6	-7.3	422.7	325.9	0.9	99.9	57.3	105.
58.6	138.7	16232.1	75.0	-55.6	99.9	308.5	6.4	5.0	-4.0	456.5	325.9	0.9	99.9	60.9	106.
65.8	147.7	20816.2	50.0	-55.3	99.9	26.0	4.7	-2.1	-4.2	513.3	325.9	0.9	99.9	62.4	106.
99.9	99.9	99.9	25.0	50.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 451  
DODGE CITY, KAN

6 MAY 1975  
1415 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	791.0	912.9	13.9	0.5	240.0	4.7	4.1	4	295.2	307.3	4.4	40.0	0.0	0
00.9	99.3	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	14.7	910.8	900.0	12.5	-2.6	241.4	9.1	8.0	4.4	294.8	304.7	3.5	35.0	0.2	35
1.1	16.7	1146.4	875.0	11.7	-7.8	234.8	12.3	10.0	7.1	290.2	303.2	2.4	24.8	0.6	54
1.9	19.1	1398.6	850.0	11.5	-7.9	220.6	14.4	9.4	16.9	298.5	305.8	2.5	24.8	1.3	52
2.8	21.3	1637.5	825.0	10.3	-8.9	214.3	17.1	9.6	14.1	299.8	306.7	2.4	24.8	2.1	45
3.6	23.6	1892.4	805.0	8.1	-10.8	215.2	17.4	10.1	14.3	300.0	306.2	2.1	25.0	2.9	42
4.6	25.8	2152.9	775.0	5.4	-12.9	215.9	20.4	13.1	15.6	299.9	305.3	1.8	25.1	4.0	41
5.6	28.1	2419.8	750.0	3.7	-14.4	214.0	26.0	16.0	20.5	300.8	305.8	1.7	25.2	5.4	41
6.6	30.3	2694.8	725.0	3.5	-16.6	208.3	26.0	12.2	22.9	303.4	307.8	1.4	21.3	7.3	39
7.6	33.4	2979.3	700.0	1.3	-18.8	208.1	26.1	12.3	23.9	304.1	307.8	1.2	20.5	8.4	37
8.6	35.9	3269.9	675.0	-0.0	-19.9	210.0	30.0	15.0	26.0	305.8	309.4	1.2	20.6	9.9	35
9.5	38.6	3511.9	650.0	-0.5	-20.8	211.3	33.6	17.4	28.7	308.6	312.1	1.1	17.7	11.9	35
10.6	41.2	3804.6	625.0	-2.0	-20.9	207.2	36.6	16.7	32.5	310.3	313.9	1.1	21.8	14.0	34
11.5	44.0	4207.9	600.0	-4.0	-20.4	202.9	40.5	15.8	37.3	311.7	315.6	1.2	26.4	16.1	33
12.6	47.2	4542.6	575.0	-6.4	-19.7	202.4	43.2	16.5	39.9	312.7	317.1	1.4	31.8	18.9	31
13.7	50.0	4887.8	550.0	-9.6	-19.8	203.4	42.9	17.0	39.4	312.8	317.4	1.4	43.1	21.7	30
14.9	52.9	5244.9	525.0	-12.8	-20.7	206.3	39.3	17.4	36.3	313.1	317.6	0.8	27.8	24.9	29
16.2	55.9	5616.0	500.0	-14.4	-20.9	215.1	38.9	22.4	31.8	315.5	317.6	0.6	25.3	27.8	30
17.5	59.1	6002.6	475.0	-16.8	-32.9	214.5	38.9	22.1	32.1	317.2	318.9	0.5	23.0	31.0	30
18.9	62.5	6408.5	450.0	-17.5	-35.5	215.0	35.6	26.5	29.2	321.3	323.0	0.5	23.1	33.9	31
20.2	65.8	6834.5	425.0	-20.2	-35.8	215.4	37.1	21.5	28.2	323.1	324.6	0.4	23.2	36.9	31
21.7	69.4	7250.7	400.0	-23.9	-38.9	216.5	30.1	17.9	24.2	323.9	325.1	0.3	23.5	39.7	31
23.3	73.0	7747.6	375.0	-28.3	-42.6	216.4	34.5	20.5	27.6	324.1	325.0	0.2	23.8	42.5	32
25.1	77.0	8238.9	350.0	-32.4	-46.0	214.6	35.4	20.1	29.2	325.0	325.7	0.2	24.0	45.9	32
26.9	80.9	8757.7	325.0	-36.2	-49.3	211.1	33.2	17.1	28.4	326.7	327.2	0.1	24.3	52.1	32
29.0	85.1	9377.9	300.0	-40.8	96.9	209.0	35.9	16.0	28.8	327.9	328.9	99.9	99.9	54.2	32
31.0	89.4	9893.2	275.0	-45.9	96.9	211.2	23.6	12.2	20.2	328.8	329.9	99.9	99.9	58.0	32
33.2	94.2	10527.1	250.0	-51.0	90.9	209.7	31.6	13.6	27.4	331.2	332.9	99.9	99.9	62.0	32
35.5	99.3	11157.0	225.0	-56.2	90.9	205.6	23.0	9.5	20.7	331.4	332.9	99.9	99.9	65.2	31
38.1	104.5	11638.9	200.0	-59.8	90.9	206.9	25.3	11.5	22.7	334.0	334.9	99.9	99.9	69.8	31
41.1	110.4	12277.0	175.0	-58.9	90.9	230.5	17.8	13.7	11.3	332.8	332.8	99.9	99.9	73.1	32
44.5	116.8	13742.8	150.0	-58.3	90.9	230.4	24.6	21.2	12.5	339.6	339.6	99.9	99.9	77.7	33
48.6	124.0	14874.4	125.0	-59.0	90.9	231.5	28.0	21.9	17.4	348.1	348.1	99.9	99.9	81.9	35
53.7	132.0	16307.6	100.0	-56.0	90.9	237.4	13.6	11.5	7.3	419.6	419.6	99.9	99.9	87.0	36
59.9	140.3	18115.6	75.0	-59.7	90.9	214.0	4.0	-1.4	-3.7	447.8	447.8	99.9	99.9	88.6	36
67.9	145.3	20551.3	50.0	-58.6	90.9	99.9	1.3	-1.3	0.2	505.5	505.5	99.9	99.9	88.2	37
79.5	156.7	25054.9	25.0	-51.9	90.9	323.3	3.3	2.0	-2.7	635.9	635.9	99.9	99.9	86.9	37

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 446  
TOPEKA, KAN

6 MAY 1975  
1415 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COME M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/AC	RM PCT	RANGE KM	AZ DG
0.0	0.3	268.0	972.3	22.8	19.0	140.0	4.2	-2.7	3.2	30.2	338.3	14.4	79.0	164	19.0
00.9	99.9	1000.0	975.0	22.8	19.0	140.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	975.0	22.8	19.0	140.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	8.7	469.7	950.0	23.1	16.6	168.9	8.3	-1.6	8.1	269.5	337.4	14.4	91.1	0.3	339.
1.4	10.7	700.1	925.0	18.6	17.9	183.7	10.1	0.7	10.1	300.2	337.5	14.1	95.9	0.7	340.
2.2	12.8	935.5	900.0	17.3	15.7	195.3	11.7	3.1	11.3	311.1	336.9	13.4	96.2	1.2	358.
3.1	15.7	1178.3	875.0	15.8	11.8	205.3	12.2	5.2	11.2	311.8	334.6	12.2	93.8	1.9	8.
4.1	17.3	1422.8	850.0	14.4	13.2	207.6	13.2	6.1	11.7	303.0	333.2	10.0	90.8	3.3	16.
5.0	19.3	1675.1	825.0	12.3	10.8	210.3	13.4	6.3	10.7	303.0	333.2	10.0	90.8	3.3	16.
6.2	21.4	1913.0	800.0	12.1	10.4	213.2	13.5	5.3	12.4	308.6	317.1	8.3	35.2	4.2	18.
7.4	23.8	2212.3	775.0	13.7	12.0	162.2	14.1	2.6	11.8	308.8	315.0	2.0	15.8	5.1	18.
8.6	26.1	2478.9	750.0	11.1	13.8	194.7	14.7	3.0	11.3	309.6	313.9	1.6	14.7	5.9	18.
9.6	28.5	2755.5	725.0	8.8	15.3	192.4	10.7	2.3	10.5	309.4	314.4	1.6	16.4	6.7	17.
10.8	31.0	3045.2	700.0	7.0	19.0	184.1	9.1	0.6	9.1	317.3	311.9	0.9	5.5	7.4	17.
11.9	33.6	3342.7	675.0	4.5	25.1	181.0	7.5	0.1	7.5	317.2	313.2	0.7	9.4	7.9	15.
13.1	36.1	3649.1	650.0	1.6	26.4	155.5	7.9	2.1	7.6	310.8	313.1	0.7	10.1	8.4	15.
14.3	38.3	3962.1	625.0	-1.4	25.8	215.4	10.4	0.0	8.5	313.0	313.4	0.7	13.2	9.0	16.
15.6	41.2	4255.5	600.0	-4.4	24.6	228.6	12.8	9.6	8.5	311.2	314.0	0.9	18.7	9.8	14.
16.8	44.2	4560.0	575.0	-7.1	23.9	236.5	14.5	12.1	8.0	311.8	314.9	1.0	24.5	10.7	21.
18.0	47.1	4864.0	550.0	-9.4	30.0	232.2	13.9	11.3	6.5	312.9	314.8	0.6	16.8	11.6	24.
19.4	50.2	5321.2	525.0	-12.0	32.7	227.6	12.9	6.5	6.7	312.9	314.5	0.5	17.1	12.6	26.
20.9	53.3	5691.7	500.0	-15.9	36.7	217.0	10.6	10.1	13.4	314.6	314.8	0.3	15.0	13.7	28.
22.4	56.3	6070.8	475.0	-18.6	39.7	217.8	22.1	13.6	17.5	317.3	317.7	0.1	4.7	15.6	29.
23.8	59.7	6492.0	450.0	-18.4	41.6	218.6	21.8	13.6	17.0	320.0	320.1	0.0	1.0	17.3	30.
25.2	63.3	6916.1	425.0	-21.6	43.7	219.7	22.0	14.0	16.9	321.2	321.3	0.0	1.0	19.3	31.
26.9	66.7	7349.9	400.0	-24.9	45.8	225.0	22.2	15.0	15.0	322.5	322.6	0.0	1.0	21.2	32.
28.5	70.5	7816.1	375.0	-28.2	47.5	233.9	22.4	18.1	13.2	324.2	324.3	0.0	2.5	23.5	34.
30.4	74.3	8246.9	350.0	-32.4	46.4	233.1	23.3	19.4	12.9	325.0	325.2	0.1	7.1	25.8	36.
32.3	78.7	8824.7	325.0	-36.4	48.3	233.1	23.0	16.0	12.0	326.4	326.5	0.0	8.3	28.2	37.
34.1	83.0	9374.0	300.0	-41.4	59.9	230.7	19.4	15.0	12.3	327.0	327.0	99.9	99.9	30.1	38.
36.1	87.5	9559.0	275.0	-46.4	59.9	228.1	20.7	14.4	14.9	328.3	328.3	99.9	99.9	32.5	39.
38.7	93.7	10525.8	250.0	-52.0	59.9	224.6	23.7	16.7	16.9	328.8	328.8	99.9	99.9	35.5	40.
41.7	98.3	11257.6	225.0	-56.7	59.9	223.7	18.5	12.8	13.4	311.6	309.4	99.9	99.9	38.4	40.
43.8	104.3	11906.1	200.0	-61.2	59.9	222.6	20.1	13.6	14.8	335.9	309.9	99.9	99.9	42.0	42.
46.0	111.0	12624.4	175.0	-59.8	59.9	237.9	11.5	9.7	6.1	351.3	309.9	99.9	99.9	45.3	41.
48.3	118.7	13775.7	150.0	-64.1	59.9	242.7	17.7	15.7	359.2	309.9	309.9	99.9	99.9	47.5	41.
50.4	127.7	14897.4	125.0	-60.1	59.9	260.9	25.2	20.2	1.1	386.1	309.9	99.9	99.9	51.2	43.
52.3	137.7	16331.6	100.0	-58.7	59.9	274.1	11.9	11.9	-0.9	414.3	309.9	99.9	99.9	52.4	47.
54.5	147.5	18171.1	75.0	-60.9	59.9	260.4	6.3	6.3	0.4	445.3	309.9	99.9	99.9	54.9	50.
57.9	157.7	21645.2	50.0	-58.6	59.9	337.0	2.8	1.1	-2.6	505.5	309.9	99.9	99.9	54.7	52.
60.8	167.0	25189.8	25.0	-50.3	59.9	282.7	2.0	2.8	-0.8	640.1	309.9	99.9	99.9	52.1	53.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 476  
GRAND JUNCTION, COLO

6 MAY 1975  
1415 GMT

TIME MIN	CNTCT	HEIGHT GFA	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U CORP M/SEC	V CORP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	20.5	1474.0	845.2	2.8	-0.5	323.0	1.6	0.0	-1.0	243.1	311.9	4.4	79.0	0.0	0.0
00.9	90.9	80.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
01.9	90.9	80.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
02.9	90.9	80.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
03.9	90.9	80.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
04.9	90.9	80.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
05.9	90.9	80.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
06.9	90.9	80.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
07.9	90.9	80.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
08.9	90.9	80.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
09.9	90.9	80.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
10.9	90.9	80.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
11.9	90.9	80.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
12.9	90.9	80.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
13.9	90.9	80.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
14.9	90.9	80.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
15.9	90.9	80.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
16.9	90.9	80.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
17.9	90.9	80.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
18.9	90.9	80.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
19.9	90.9	80.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
20.9	90.9	80.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
21.9	90.9	80.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
22.9	90.9	80.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
23.9	90.9	80.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
24.9	90.9	80.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
25.9	90.9	80.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
26.9	90.9	80.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
27.9	90.9	80.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
28.9	90.9	80.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
29.9	90.9	80.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
30.9	90.9	80.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
31.9	90.9	80.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
32.9	90.9	80.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
33.9	90.9	80.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
34.9	90.9	80.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
35.9	90.9	80.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
36.9	90.9	80.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
37.9	90.9	80.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
38.9	90.9	80.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
39.9	90.9	80.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

\* BY ST. C MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CR TIME BY T BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LES: MAN 6 DEG

STATION NO. 1101  
MARSHALL SPACE FLIGHT CENTER

6 MAY 1975  
1427 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	CIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTU GM/KG	RM PCT	RANGE KM	AZ DG
0.1	6.2	180.0	933.1	19.8	15.0	180.0	1.0	0.0	1.0	295.2	323.6	10.9	74.0	1.3	0
00.9	95.9	100.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
1.7	7.9	238.4	975.0	17.9	14.3	194.9	5.2	1.3	5.3	294.9	322.3	10.6	75.5	0.5	9
1.6	10.0	560.0	950.0	17.0	13.2	203.1	10.0	4.2	5.7	295.2	324.5	10.1	76.1	0.5	9
2.6	12.0	788.5	925.0	16.6	12.1	212.1	12.0	6.4	10.2	297.8	327.0	11.0	85.1	1.3	24
3.4	14.5	1021.9	902.0	15.1	11.1	206.9	9.1	4.1	8.1	299.5	329.8	11.6	87.6	1.8	24
4.3	16.4	1261.9	875.0	13.9	10.8	204.6	7.7	3.2	7.0	299.5	329.8	11.6	87.6	1.8	24
5.2	18.6	1505.6	850.0	12.4	10.8	214.7	7.1	4.1	5.9	300.5	329.8	11.6	87.6	1.8	24
6.2	20.8	1756.3	825.0	12.1	10.8	225.3	6.3	4.5	4.4	302.4	329.8	11.6	87.6	1.8	24
7.3	23.3	2014.0	800.0	10.8	9.7	231.7	5.7	4.5	3.5	303.5	329.8	11.6	87.6	1.8	24
8.2	25.6	2278.4	775.0	8.9	6.7	251.9	5.4	5.1	2.5	304.5	329.8	11.6	87.6	1.8	24
9.3	28.0	2545.4	750.0	6.9	6.2	261.9	6.2	6.1	1.7	305.1	329.8	11.6	87.6	1.8	24
10.3	30.6	2827.8	725.0	5.4	5.1	268.8	7.0	6.5	2.8	306.1	329.8	11.6	87.6	1.8	24
11.4	33.2	3114.1	700.0	3.8	-0.8	247.5	4.0	4.5	1.9	307.1	329.8	11.6	87.6	1.8	24
12.5	35.7	3402.4	675.0	1.9	-11.2	274.4	3.9	3.9	-0.3	308.0	329.8	11.6	87.6	1.8	24
13.6	38.4	3711.5	650.0	-0.7	-10.7	284.7	3.9	5.7	-1.4	308.9	329.8	11.6	87.6	1.8	24
14.8	41.0	4022.4	625.0	-2.5	-15.1	298.0	8.3	7.3	-4.7	309.6	329.8	11.6	87.6	1.8	24
16.1	43.9	4345.7	600.0	-5.2	-22.1	303.1	9.9	8.3	-5.4	310.2	329.8	11.6	87.6	1.8	24
17.2	46.3	4678.1	575.0	-8.2	-22.0	303.3	10.9	8.9	-6.3	310.5	329.8	11.6	87.6	1.8	24
18.4	49.9	5021.4	550.0	-11.4	-22.0	303.3	10.9	8.9	-6.3	310.5	329.8	11.6	87.6	1.8	24
19.7	52.9	5377.5	525.0	-10.9	-43.9	287.8	11.0	10.4	-2.7	315.3	329.8	11.6	87.6	1.8	24
21.0	55.9	5751.8	500.0	-12.3	-43.9	287.8	12.2	11.7	-3.6	316.4	329.8	11.6	87.6	1.8	24
22.5	59.1	6141.1	475.0	-15.9	-43.1	291.2	12.9	12.0	-4.7	318.3	329.8	11.6	87.6	1.8	24
23.9	62.6	6545.0	450.0	-18.0	-43.1	291.2	12.9	12.0	-4.7	318.3	329.8	11.6	87.6	1.8	24
25.4	66.0	6969.1	425.0	-21.7	-43.7	295.3	12.8	11.6	-5.4	319.3	329.8	11.6	87.6	1.8	24
26.9	69.5	7412.7	400.0	-25.3	-51.1	298.4	15.1	13.3	-7.2	322.0	329.8	11.6	87.6	1.8	24
28.5	73.5	7874.9	375.0	-27.8	-52.7	293.7	19.7	18.1	-7.7	324.7	329.8	11.6	87.6	1.8	24
30.2	77.7	8371.3	350.0	-31.3	-55.3	287.6	24.5	23.3	-7.5	327.5	329.8	11.6	87.6	1.8	24
32.0	81.7	8871.8	325.0	-35.4	-57.8	287.3	25.2	24.1	-7.5	327.8	329.8	11.6	87.6	1.8	24
33.7	85.0	9447.7	300.0	-39.7	-61.8	285.6	29.5	28.4	-7.9	329.4	329.8	11.6	87.6	1.8	24
35.7	90.0	10032.2	275.0	-45.0	99.9	282.8	35.0	34.1	-7.8	331.1	329.8	11.6	87.6	1.8	24
37.7	95.8	10662.6	250.0	-50.1	99.9	283.4	34.4	33.5	-8.0	331.6	329.8	11.6	87.6	1.8	24
40.0	101.0	11343.6	225.0	-54.3	99.9	284.3	40.0	38.7	-4.9	335.3	329.8	11.6	87.6	1.8	24
42.4	107.7	12078.2	200.0	-61.3	99.9	284.1	49.6	48.5	-10.4	335.6	329.8	11.6	87.6	1.8	24
44.8	113.3	12922.5	175.0	-67.6	99.9	292.6	42.2	38.9	-16.2	338.3	329.8	11.6	87.6	1.8	24
47.8	120.3	13423.8	150.0	-65.9	99.9	303.2	37.8	31.6	-20.7	356.6	329.8	11.6	87.6	1.8	24
51.5	128.0	14945.1	125.0	-61.5	99.9	294.9	23.2	21.0	-4.8	363.6	329.8	11.6	87.6	1.8	24
56.0	136.5	16322.1	100.0	-64.8	99.9	263.1	26.0	25.8	3.1	402.5	329.8	11.6	87.6	1.8	24
61.8	145.3	18174.2	75.0	-64.7	99.9	314.4	13.9	10.0	-9.7	437.3	329.8	11.6	87.6	1.8	24
69.6	155.0	20577.5	50.0	-62.2	99.9	53.8	4.0	-3.3	-2.4	466.5	329.8	11.6	87.6	1.8	24
81.1	165.0	24975.4	25.0	-51.0	99.9	999.9	99.9	99.9	99.9	638.0	329.8	11.6	87.6	1.8	24

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 2202  
PT. BILL, OKLA

6 MAY 1975  
1505 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR CG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	ROT Y DG K	E ROT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.1	9.1	362.0	962.9	23.3	18.6	230.0	10.0	7.7	6.4	301.6	239.4	14.2	75.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	10.1	470.9	950.0	22.0	16.7	260.7	3.4	3.4	0.6	301.2	335.2	12.7	71.9	0.2	32.0
1.4	12.2	711.1	925.0	19.7	14.8	244.5	4.5	4.5	0.4	301.7	332.3	11.6	73.5	0.3	59.0
2.4	14.5	947.0	900.0	18.3	9.4	300.8	6.0	5.1	-2.1	301.5	324.1	8.3	58.4	0.6	87.0
3.3	16.8	1187.8	875.0	16.4	5.5	310.2	9.0	6.9	-5.0	301.7	319.9	6.6	49.1	0.9	99.0
4.2	18.9	1433.9	850.0	15.5	-5.0	318.9	11.4	7.5	-8.6	302.8	312.0	3.2	24.3	1.4	112.0
5.1	21.1	1686.2	825.0	14.3	-5.6	321.2	8.7	5.4	-6.6	304.1	313.1	3.1	24.8	2.0	122.0
6.3	23.6	1945.6	800.0	13.7	-5.1	291.5	7.5	7.0	-2.7	306.2	315.7	3.2	26.4	2.5	123.0
7.4	25.8	2212.5	775.0	13.2	-5.7	250.7	11.7	11.5	2.1	308.4	318.0	3.2	28.4	3.0	117.0
8.7	28.4	2487.0	750.0	11.1	-7.5	254.3	13.5	13.0	3.7	309.0	317.7	2.9	28.4	3.1	108.0
9.8	31.0	2768.9	725.0	9.9	-8.5	243.1	13.3	11.8	6.7	317.6	319.0	2.8	28.5	4.6	100.0
11.1	33.7	3059.0	700.0	7.2	-9.1	231.2	12.3	9.6	7.7	310.8	319.0	2.7	30.2	5.3	94.0
12.1	36.1	3356.6	675.0	5.0	-9.2	218.0	14.3	8.8	11.2	311.6	320.1	2.8	35.0	5.9	87.0
13.3	38.9	3663.5	650.0	2.8	-6.0	208.4	18.4	8.7	16.2	312.6	323.9	3.0	52.3	6.7	79.0
14.6	41.6	3979.9	625.0	0.5	-12.8	204.4	20.2	8.4	18.4	313.2	320.3	2.3	36.2	7.6	70.0
15.9	44.4	4305.8	600.0	-2.4	-12.2	201.2	21.6	9.5	19.4	313.6	321.4	2.5	47.0	8.8	62.0
17.1	47.3	4642.3	575.0	-4.9	-15.6	211.8	24.5	12.9	20.8	314.5	320.7	2.0	42.4	10.3	57.0
18.4	50.3	4990.0	550.0	-6.0	-17.7	216.9	25.1	15.1	20.1	314.6	320.2	1.7	45.2	12.1	56.0
19.7	53.3	5349.5	525.0	-11.0	-21.0	220.0	25.2	16.2	19.3	315.2	319.8	1.4	48.0	14.1	51.0
21.2	56.3	5723.4	500.0	-12.2	-30.4	216.5	22.7	13.5	18.2	318.2	320.1	0.6	19.4	16.1	53.0
22.7	59.7	6114.0	475.0	-14.5	-31.9	216.8	22.1	14.2	17.0	320.1	322.7	0.5	21.0	18.0	48.0
24.2	63.1	6521.9	450.0	-17.1	-34.6	220.5	23.0	14.9	17.5	321.8	323.3	0.4	20.0	20.1	48.0
25.7	66.6	6947.3	425.0	-21.2	-38.4	218.1	23.1	14.2	18.2	321.8	323.0	0.3	19.3	22.1	47.0
27.3	70.3	7391.7	400.0	-24.9	-41.4	213.7	23.6	13.1	19.7	322.6	323.5	0.2	19.6	24.4	46.0
28.9	73.9	7857.4	375.0	-28.6	-44.5	216.2	23.2	13.7	18.6	323.6	324.3	0.2	19.9	26.6	45.0
30.6	78.0	8347.4	350.0	-32.4	-47.6	226.0	26.4	19.0	18.3	325.0	325.6	0.1	20.1	28.0	45.0
32.3	82.0	8866.2	325.0	-36.3	-50.8	237.4	29.6	24.9	15.9	326.6	327.0	0.1	21.4	31.4	45.0
34.2	86.2	9417.0	300.0	-40.4	-59.9	243.6	37.0	33.7	14.7	328.5	329.9	0.9	99.9	35.3	47.0
36.1	90.9	10044.3	275.0	-45.0	-69.9	242.8	42.3	37.0	19.3	330.0	330.9	99.9	99.9	36.9	49.0
38.5	95.7	10634.5	250.0	-49.6	-69.9	242.3	44.8	39.7	20.9	332.3	332.3	99.9	99.9	45.9	51.0
40.9	100.8	11317.0	225.0	-54.1	-69.9	245.0	38.3	35.0	15.6	335.5	335.5	99.9	99.9	52.6	52.0
43.5	106.4	12065.7	200.0	-57.7	-69.9	241.8	37.0	32.6	17.5	341.4	341.4	99.9	99.9	57.8	54.0
46.0	112.3	12810.7	175.0	-60.6	-69.9	248.3	37.0	34.4	13.7	350.0	350.0	99.9	99.9	64.4	54.0
49.0	118.8	13683.0	150.0	-59.5	-69.9	254.3	32.9	31.7	9.1	367.6	367.6	99.9	99.9	68.9	56.0
52.3	126.0	15005.6	125.0	-57.9	-69.9	259.3	29.3	28.8	5.4	390.2	390.2	99.9	99.9	76.3	57.0
56.1	134.0	16397.2	100.0	-63.4	-69.9	240.6	21.3	19.8	7.8	405.3	405.3	99.9	99.9	80.4	59.0
62.9	142.0	18187.2	75.0	-63.7	-69.9	277.7	10.0	9.9	-1.4	439.3	439.3	99.9	99.9	84.1	59.0
66.9	150.1	20697.3	50.0	-56.8	-69.9	245.8	3.0	2.7	1.2	509.6	509.6	99.9	99.9	83.9	55.0
77.2	159.0	23126.1	25.0	-50.9	-69.9	60.1	3.3	-2.9	-1.7	638.3	638.3	99.9	99.9	81.4	60.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**Sounding Data**

**6 May 1975**

**1800 GMT**

STATION NO. 232  
 MOOTVILLE, LA

 6 MAY 1975  
 1715 GMT

TIME MIN	CNTCT	HEIGHT GRW	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX PTD GM/KG	RM PCT	RANGE KM	AZ DG
0.1	5.4	1.0	1011.3	27.8	24.2	170.0	6.2	-1.1	6.1	302.6	353.4	19.2	61.0	30.0	0
0.5	6.3	1.0	1006.0	25.6	23.3	156.4	12.1	-4.9	11.1	301.2	349.4	18.3	87.2	0.3	335
1.3	6.4	32.0	978.0	23.5	21.3	166.5	10.0	-2.7	9.6	301.4	351.0	18.6	98.6	0.8	337
2.2	11.1	551.2	951.0	21.5	21.1	176.1	12.7	-0.9	12.7	301.3	345.6	16.8	97.0	1.4	343
3.2	13.7	78.1	929.0	20.5	17.0	183.7	11.9	0.8	11.9	302.2	340.0	14.1	94.9	2.1	349
4.2	16.0	141.0	900.0	19.2	14.3	183.2	13.0	0.7	12.9	302.6	334.0	11.5	73.7	2.9	353
5.1	18.7	121.0	875.0	17.8	10.9	183.3	12.8	0.5	12.8	303.6	329.4	9.4	44.0	3.5	355
5.8	21.1	151.0	850.0	17.6	6.1	183.1	8.1	0.7	8.1	305.4	325.2	7.0	46.7	4.1	356
6.4	24.0	176.0	825.0	17.0	3.8	215.5	4.8	0.0	3.7	307.4	320.9	4.1	41.4	4.3	357
7.7	26.3	207.1	800.0	15.4	1.6	235.7	7.7	0.4	4.4	308.3	323.8	5.4	39.3	4.5	1
8.7	29.1	239.8	775.0	14.3	-2.4	228.7	9.5	7.1	6.2	309.8	322.1	4.2	31.4	4.9	6
9.7	31.9	257.7	750.0	12.3	-4.1	217.9	8.6	5.3	6.8	310.4	321.4	3.8	31.5	5.3	10
10.4	34.0	285.8	725.0	10.4	-7.4	208.4	8.4	3.0	7.8	311.3	320.4	3.0	27.7	5.8	11
11.8	37.6	314.5	700.0	0.3	-9.4	203.9	8.9	2.0	8.1	312.0	320.2	2.7	27.3	6.4	12
12.0	40.5	344.9	675.0	6.3	-7.4	213.1	10.1	0.1	6.1	313.1	322.1	3.2	16.8	6.9	14
14.1	43.4	373.3	650.0	3.9	-2.1	241	12.8	12.0	4.5	314.1	320.2	5.1	65.1	7.5	16
14.3	46.4	407.1	625.0	2.2	-14.0	2	15.2	15.0	2.3	315.2	321.7	2.1	28.9	8.1	25
16.5	49.4	439.6	600.0	-0.2	-17.2	171	20.2	20.1	0.9	316.1	321.3	1.7	26.4	8.7	32
17.6	52.4	473.9	575.0	-2.3	-17.9	270.0	22.5	22.5	-0.0	317.4	322.7	1.6	28.9	9.7	39
19.0	54.7	509.8	550.0	-5.7	-21.5	274.0	24.3	24.3	-1.3	317.5	321.6	1.2	27.3	10.9	47
20.2	56.7	543.2	525.0	-8.9	-25.2	272.2	27.5	27.5	-1.1	317.9	324.0	1.9	52.0	12.3	54
21.5	62.6	592.8	500.0	-11.7	-15.9	267.1	29.6	29.6	1.5	319.0	326.0	2.2	71.6	14.1	59
22.8	65.0	621.5	475.0	-14.6	-18.0	270.3	29.2	29.2	-0.1	320.1	326.0	1.9	71.6	16.1	63
24.3	69.5	660.7	450.0	-18.1	-21.2	271.4	28.4	28.4	-0.7	320.6	325.8	1.6	77.0	18.9	67
25.8	73.2	705.9	425.0	-17.6	-24.2	275.9	27.3	27.2	-2.8	320.4	328.1	0.5	21.9	20.9	70
27.4	77.2	750.6	400.0	-21.1	-14.6	282.4	28.8	27.6	-11.4	324.9	330.6	0.5	25.9	23.2	78
29.3	81.3	791.8	375.0	-23.5	-17.5	289.9	12.2	10.3	-11.1	330.4	331.9	0.4	26.2	25.9	78
31.1	85.3	842.7	350.0	-27.2	-39.7	297.5	34.8	12.1	-17.3	332.1	333.3	0.3	29.7	28.8	82
32.9	89.5	911.0	325.0	-31.5	-42.9	287.3	36.4	36.6	-11.7	332.2	334.2	0.3	31.1	32.5	85
34.4	94.2	957.4	300.0	-36.6	-46.4	285.1	34.2	12.0	-8.9	333.6	334.4	0.2	31.1	34.6	88
36.7	98.3	1017.0	275.0	-41.2	-50.9	281.1	39.4	38.4	-8.9	335.6	339.0	0.0	36.0	47.7	96
38.0	103.9	1081.3	250.0	-46.0	-59.9	281.1	42.7	41.9	-8.3	337.7	339.9	0.0	36.0	46.3	91
41.2	105.2	1150.0	225.0	-52.2	-60.9	283.8	43.0	42.7	-10.5	339.5	339.9	0.0	36.0	51.9	92
43.6	114.8	1225.3	200.0	-57.7	-59.9	288.4	45.5	43.2	-14.4	341.4	339.9	0.0	36.0	58.8	94
45.3	121.3	1304.9	175.0	-62.5	-59.9	284.1	41.3	40.1	-10.1	346.7	339.9	0.0	36.0	65.2	95
48.4	127.7	1433.2	150.0	-64.0	-59.9	277.1	42.9	42.6	-5.3	359.8	339.9	0.0	36.0	71.8	96
52.4	135.3	1512.4	125.0	-65.6	-60.9	280.8	47.8	45.2	-15.4	376.3	339.9	0.0	36.0	83.2	98
56.9	142.3	1651.7	100.0	-67.0	-60.9	314.2	22.1	18.3	-12.4	398.2	339.9	0.0	36.0	92.8	98
62.2	150.3	1821.6	75.0	-73.0	-60.9	270.4	12.7	12.7	-0.1	419.9	339.9	0.0	36.0	95.9	99
69.7	154.5	2062.7	50.0	-59.5	-59.9	315.5	7.0	-7.0	-0.2	501.3	339.9	0.0	36.0	97.1	99
82.4	169.0	2512.1	25.0	-46.9	-60.9	959.9	95.9	95.9	95.9	649.8	599.9	95.9	959.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

6 MAY 1975  
1800 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	QIR DG	SLEN M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	C POT T DG K	MR RTO GM/KG	PH PCT	RANGF KM	AZ DG
00	405	1700	990.3	23.3	20.8	170.0	7.2	-1.1	7.1	298.4	339.8	15.7	86.7	7.2	10
01	90.7	60.9	1000.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
02	6.1	318.4	970.0	20.8	18.9	170.0	10.2	-2.8	9.4	298.7	335.4	10.2	86.5	20.3	36.1
03	0.1	530.4	950.0	19.4	17.1	165.9	14.6	-7.0	10.1	298.6	333.2	13.1	86.8	7.7	34.0
04	10.1	748.8	925.0	19.8	13.9	175.1	19.1	-1.6	19.0	301.3	337.4	12.9	89.1	1.5	36.6
05	11.9	1100.1	900.0	18.9	10.9	181.7	18.6	0.5	18.6	302.1	328.3	8.8	87.8	2.3	35.0
06	13.9	1247.6	875.0	17.5	10.0	192.1	15.8	3.4	15.4	303.2	327.6	8.9	86.6	3.2	35.9
07	15.9	1498.9	850.0	15.8	8.9	208.3	11.2	5.3	9.8	303.8	327.1	8.5	86.5	3.8	35.9
08	18.1	1742.8	825.0	13.7	9.9	223.6	11.8	4.1	8.5	304.3	329.8	9.3	77.4	4.3	4.1
09	20.1	2037.2	800.0	11.7	10.7	242.3	13.9	12.3	6.4	305.0	333.0	10.2	93.8	4.8	10.1
10	22.0	2273.2	775.0	10.5	9.4	253.4	14.8	14.2	4.2	306.4	333.3	9.7	93.2	5.3	10.1
11	24.5	2563.6	750.0	8.6	2.4	258.3	14.7	14.4	2.0	306.7	328.0	6.1	85.1	5.8	26.1
12	26.5	2826.0	725.0	7.2	1.3	263.5	13.1	11.9	1.4	307.1	324.8	5.8	85.9	6.3	32.1
13	28.3	3118.3	700.0	6.1	-0.6	272.3	9.5	9.5	-0.4	310.0	325.3	5.7	82.1	6.7	10.1
14	31.4	3412.2	675.0	4.8	-3.3	275.9	7.9	7.9	-0.8	311.6	324.7	4.5	85.8	7.0	41.1
15	33.9	3719.2	650.0	3.4	-3.2	295.4	6.9	6.2	-2.0	313.2	322.9	3.2	82.3	7.2	43.1
16	36.2	4037.3	625.0	2.7	-16.0	310.4	8.5	6.5	-5.5	315.7	321.3	1.8	82.8	7.3	47.1
17	38.3	4365.7	600.0	-1.3	-16.4	306.3	9.7	7.8	-5.8	316.0	321.5	1.7	80.0	7.4	51.1
18	41.3	4708.1	575.0	-3.5	-16.5	300.4	17.4	8.9	-8.2	316.1	321.9	1.8	85.6	7.6	56.1
19	44.1	5053.3	550.0	-6.5	-22.4	296.5	11.8	10.5	-8.3	316.4	320.2	1.1	27.0	8.0	61.1
20	46.9	5416.9	525.0	-9.7	-29.1	289.7	14.3	13.4	-10.8	320.4	322.6	0.6	14.8	8.7	67.1
21	49.9	5795.5	500.0	-13.7	-36.7	284.3	16.6	15.2	-10.8	321.7	322.6	0.3	7.1	9.6	72.1
22	52.5	6197.5	475.0	-17.7	-43.5	293.8	17.4	15.9	-7.0	323.5	324.1	0.2	7.0	10.5	76.1
23	55.7	6601.5	450.0	-19.4	-43.0	291.6	18.1	16.8	-6.7	323.5	324.2	0.2	7.4	11.6	81.1
24	58.9	7029.5	425.0	-19.4	-45.4	291.0	19.2	17.9	-6.9	324.1	324.7	0.2	7.8	13.2	84.1
25	62.1	7470.8	400.0	-22.5	-48.9	289.2	24.2	23.8	-4.3	325.7	326.3	0.2	10.9	14.7	87.1
26	65.6	7948.7	375.0	-24.2	-47.5	286.5	27.6	27.0	-8.5	327.5	330.1	0.1	9.5	17.2	88.1
27	69.2	8440.6	350.0	-27.9	-50.9	286.7	31.7	30.4	-8.1	331.1	331.4	0.1	9.0	18.9	91.1
28	72.9	8976.6	325.0	-32.2	-55.1	283.7	34.9	33.9	-8.2	332.3	332.7	0.1	14.9	23.5	93.1
29	76.9	9535.6	300.0	-37.1	-53.9	277.8	31.7	31.4	-8.3	333.0	333.3	0.1	15.3	27.3	94.1
30	81.1	10110.6	275.0	-42.2	-59.9	275.3	35.4	35.4	-8.3	334.1	334.1	0.1	99.9	31.3	94.1
31	85.5	10749.1	250.0	-47.1	-60.9	267.4	30.0	29.9	1.4	336.0	336.0	0.1	99.9	35.4	94.1
32	90.2	11400.0	225.0	-52.0	-60.9	261.7	25.2	24.9	3.6	338.9	338.9	0.1	99.9	38.7	93.1
33	95.4	12111.4	200.0	-57.3	-60.9	278.2	33.5	33.2	-4.8	342.0	342.0	0.1	99.9	42.7	93.1
34	101.1	13042.3	175.0	-62.2	-60.9	274.2	38.4	38.3	-2.8	346.0	346.0	0.1	99.9	48.6	94.1
35	107.5	13983.5	150.0	-66.2	-60.9	270.2	41.8	41.8	-1.1	350.2	350.2	0.1	99.9	56.6	93.1
36	114.3	15058.7	125.0	-63.4	-60.9	263.2	43.7	42.6	-1.0	358.2	358.2	0.1	99.9	66.7	93.1
37	122.7	16458.0	100.0	-62.6	-60.9	282.5	25.7	25.1	-5.6	406.8	406.8	0.1	99.9	77.9	95.1
38	131.5	18217.8	75.0	-68.4	-60.9	289.7	23.6	22.2	-6.3	429.4	429.4	0.1	99.9	82.9	95.1
39	141.3	20727.3	50.0	-56.8	-60.9	39.3	2.2	-1.4	-1.7	505.6	505.6	0.1	99.9	82.8	96.1
40	150.5	25184.6	25.0	-47.3	-60.9	309.7	4.9	3.8	-3.1	649.0	649.0	0.1	99.9	81.2	96.1

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 240  
LAKE CHARLES, LA

6 MAY 1975  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MR	TEMP CG C	DEW PT CG C	DIR CG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MX PTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.3	5.0	1007.6	27.6	23.4	160.0	7.2	-2.5	6.8	302.8	351.3	18.3	77.0	0.0	0
0.2	5.0	72.3	1020.0	26.6	22.6	162.0	10.2	-3.0	9.7	302.2	348.8	17.6	78.8	0.3	346
1.0	5.8	205.6	975.0	24.2	21.0	163.7	8.9	-2.5	8.5	301.5	345.0	16.3	82.4	0.6	343
2.5	11.0	523.2	940.0	21.8	20.7	165.9	9.4	-2.3	9.1	301.5	343.2	15.5	93.3	1.0	340
3.5	12.1	755.0	925.0	20.3	19.3	177.1	8.4	-0.4	8.4	302.1	343.2	15.5	94.2	1.5	345
4.1	15.5	951.3	900.0	18.0	15.7	192.1	7.0	2.2	6.6	301.8	335.4	12.6	86.4	1.8	351
5.1	17.7	1212.8	875.0	16.9	14.5	211.4	8.8	4.6	7.4	303.0	335.3	12.0	85.6	2.1	356
5.8	20.1	1497.7	850.0	17.1	13.9	220.4	11.7	7.6	8.9	305.6	338.1	11.9	81.6	2.5	40
6.7	22.3	1736.4	825.0	18.0	9.9	223.2	14.6	9.8	10.4	308.2	335.1	6.4	59.4	3.7	11
7.5	24.6	2010.2	800.0	18.1	1.8	231.4	12.1	9.5	7.6	311.2	327.4	5.6	34.3	3.6	17
8.5	26.6	2270.9	775.0	16.3	-6.0	249.1	10.0	6.3	3.6	311.7	320.9	3.0	20.2	4.0	22
9.4	29.8	2545.2	750.0	14.0	-9.9	270.5	9.6	9.6	-0.1	312.1	319.5	2.4	18.1	4.4	26
10.5	32.6	2832.7	725.0	12.1	-11.3	289.6	10.8	10.2	-3.6	313.0	319.9	2.2	18.2	4.6	35
11.5	35.3	3124.6	700.0	9.1	-11.6	292.4	11.7	10.8	-4.7	312.8	319.8	2.3	21.8	4.7	44
12.5	38.0	3424.3	675.0	6.5	-13.7	292.0	12.4	11.5	-4.6	313.1	319.3	2.0	21.9	5.1	52
13.6	43.8	3732.0	650.0	3.5	-16.1	290.1	12.8	12.0	-4.4	313.1	318.4	1.7	22.1	5.5	59
14.7	43.9	4376.1	625.0	1.5	-19.3	273.8	13.6	13.6	-0.9	314.3	318.6	1.3	19.4	6.1	64
15.8	46.9	4713.8	575.0	-3.1	-20.5	266.2	16.2	16.5	1.1	314.9	318.9	1.2	21.3	7.0	67
16.6	52.1	5064.3	550.0	-6.0	-18.2	254.4	24.9	24.0	6.7	317.3	324.5	2.3	52.0	10.1	72
19.9	56.4	5804.1	525.0	-9.9	-43.4	254.7	24.1	23.2	6.4	321.0	321.6	0.2	4.4	14.4	72
20.2	60.0	6108.5	475.0	-10.6	-43.8	257.3	19.6	19.1	4.3	324.8	325.4	0.2	4.5	16.1	72
22.6	63.7	6612.6	450.0	-13.7	-45.4	262.2	15.5	15.4	2.1	325.9	326.5	0.1	4.8	17.5	73
25.4	71.2	7455.4	425.0	-17.3	-47.4	267.0	17.4	17.4	0.9	326.6	327.2	0.1	5.2	18.8	74
27.1	75.5	7968.2	375.0	-20.5	-48.4	267.8	19.9	19.9	0.8	328.3	328.7	0.1	6.2	20.4	75
28.7	79.8	8466.5	350.0	-24.9	-47.5	264.2	23.6	23.5	2.4	328.6	329.2	0.1	10.1	22.5	76
30.7	84.3	8992.6	325.0	-29.1	-50.5	269.3	24.8	24.8	0.7	329.5	329.9	0.1	10.5	24.8	77
32.7	89.3	9557.2	300.0	-32.9	-50.7	269.9	28.0	28.0	0.1	331.3	331.7	0.1	16.1	27.8	78
34.7	94.3	10148.9	275.0	-37.4	-46.3	269.5	32.5	32.5	0.3	332.6	333.4	0.2	38.3	31.4	80
36.9	99.5	10782.4	250.0	-42.4	98.9	265.3	33.5	33.5	2.5	333.8	334.8	0.9	59.9	35.6	81
39.5	105.3	11472.0	225.0	-46.8	98.9	262.0	39.6	39.2	5.3	336.5	336.9	9.9	99.9	40.6	81
42.1	111.5	12225.3	200.0	-52.4	98.9	265.3	44.2	44.3	3.6	338.1	338.1	9.9	99.9	46.7	81
45.1	118.3	13061.9	175.0	-57.2	98.9	273.9	40.1	40.0	-2.7	342.3	342.3	9.9	99.9	53.6	82
48.4	125.3	14015.0	150.0	-61.5	98.3	273.5	34.1	34.1	-2.1	348.4	348.4	9.9	99.9	60.5	82
52.3	137.0	15128.0	125.0	-63.1	98.9	264.2	35.7	35.5	3.6	361.4	361.4	9.9	99.9	67.8	82
57.3	141.0	15467.5	100.0	-66.0	98.9	273.4	44.0	43.9	-2.6	375.5	375.5	9.9	99.9	77.3	82
67.9	145.3	18191.4	75.0	-69.8	98.9	272.9	26.1	25.8	-3.6	422.9	422.9	9.9	99.9	88.7	87
70.5	157.5	20600.8	50.0	-72.2	98.9	273.3	19.6	19.6	-1.0	421.6	421.6	9.9	99.9	93.2	88
82.9	166.5	25117.7	25.0	-60.4	98.9	73.3	3.5	-3.4	-1.0	501.1	501.1	9.9	99.9	94.4	88
				-48.5	98.9	5.0	3.1	-0.3	-3.1	645.4	645.4	9.9	99.9	92.5	89

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 208  
SMREVEPORT, LA

0 MAY 1975  
1736 GMT

100 20. 3

TIMF	CNTCT	WIGHT	PFFS	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	C POT T	MX RTO	RM	RANGE	AZ
MIN		GPM	MB	DG C	DG C	DG	M/SEC	M/SEC	M/SEC	DG K	DG K	GM/KG	PCT	KM	DG
0.1	4.7	70.0	998.6	25.0	21.1	150.0	5.2	-2.6	4.5	310.4	322.7	16.0	79.0	0.0	0
0.9	9.9	99.9	1030.0	59.9	99.9	59.9	59.9	-0.6	5.9	59.9	950.9	99.9	999.9	999.9	999.9
0.8	6.5	269.9	975.0	23.8	21.0	174.3	5.9	-0.6	5.9	301.4	346.1	16.9	87.4	0.3	367.0
1.6	8.6	517.4	950.0	22.1	21.3	195.6	6.6	1.8	6.0	301.9	346.2	16.7	93.3	0.6	357.0
2.6	17.6	740.7	925.0	21.0	19.3	211.6	9.7	5.1	8.1	312.8	346.2	15.5	90.4	1.0	9.0
3.5	12.8	527.2	900.0	19.7	17.6	212.3	10.5	5.6	8.9	303.8	342.0	14.2	87.3	1.5	18.0
4.5	15.1	1230.3	875.0	18.6	14.5	213.7	11.7	6.5	9.7	304.7	337.5	12.1	77.5	2.2	22.0
5.6	17.3	1479.5	850.0	17.8	12.6	219.7	9.8	6.3	7.4	305.3	336.3	10.9	71.6	2.9	26.0
6.6	10.7	1734.9	825.3	16.5	10.9	225.7	7.8	5.6	4.4	307.4	335.1	10.0	69.4	3.4	29.0
7.4	21.8	1566.9	800.0	15.3	8.6	214.3	5.4	3.1	4.5	308.6	333.5	8.9	64.5	3.8	30.0
8.3	28.4	2255.7	775.3	13.4	6.6	190.7	2.4	0.5	2.3	309.3	331.9	8.0	63.6	4.1	29.0
9.9	28.6	2541.6	750.0	12.8	-1.4	248.4	1.5	1.4	0.6	311.0	324.7	4.6	37.4	4.2	29.0
11.1	28.2	2825.0	725.0	10.4	-10.3	319.1	3.0	2.0	-2.3	311.2	318.8	2.5	22.6	4.2	31.0
12.2	31.7	3115.9	700.0	8.5	-14.0	334.2	5.3	2.3	-4.9	312.1	317.5	1.8	18.6	4.1	35.0
13.6	34.3	3414.5	675.0	5.9	-15.9	331.7	5.9	2.9	-5.2	312.5	317.6	1.6	19.1	3.8	41.0
14.9	36.9	3722.2	650.0	3.7	-19.4	305.9	4.0	3.2	-2.1	313.3	317.3	1.3	16.6	3.8	47.0
15.2	38.6	4039.6	625.0	1.7	-21.9	274.4	6.2	6.2	-0.5	314.5	318.2	1.2	16.7	3.9	52.0
17.6	42.2	4366.7	600.0	-1.2	-22.2	265.1	8.9	8.9	0.8	314.9	318.4	1.1	18.4	4.5	56.0
18.7	45.1	4704.1	575.0	-4.2	-22.6	244.5	10.5	10.4	1.0	315.2	318.7	1.1	22.0	5.1	60.0
19.9	48.3	5024.6	550.0	-7.2	-24.6	259.2	11.6	11.4	2.2	315.6	318.7	0.9	23.4	5.8	63.0
21.2	50.9	5344.0	525.3	-6.8	-28.5	253.7	15.6	15.0	4.4	317.9	320.2	0.7	18.4	6.9	65.0
22.6	53.0	5730.0	500.0	-10.3	-30.8	246.5	18.5	17.0	7.4	320.6	322.6	0.6	16.6	8.3	66.0
24.2	57.7	6194.5	475.0	-12.0	-33.4	240.2	19.4	16.3	9.6	323.2	324.8	0.5	14.8	10.2	65.0
25.7	60.4	6596.6	450.0	-14.3	-35.2	247.7	17.5	16.1	6.8	325.3	326.8	0.4	14.9	11.9	65.0
27.3	63.9	7027.8	425.0	-17.2	-36.9	262.4	16.5	14.3	2.2	326.9	328.2	0.4	16.1	13.4	60.0
28.9	67.2	7479.8	400.0	-21.2	-39.4	268.6	21.6	21.6	0.5	327.4	328.5	0.3	17.4	15.1	68.0
30.5	70.8	7952.1	375.0	-24.9	-40.0	270.7	25.6	25.6	-0.3	328.7	329.8	0.3	22.7	17.2	71.0
32.3	74.5	8445.3	350.0	-29.4	-39.7	246.1	28.4	28.4	1.9	329.1	330.4	0.3	15.5	19.9	73.0
34.0	78.5	8974.2	325.0	-33.4	-42.4	263.9	37.7	37.5	4.0	330.6	331.6	0.3	19.5	23.1	75.0
35.4	82.4	9537.8	300.0	-39.0	-45.8	265.8	32.6	32.5	2.4	331.7	332.5	0.2	43.1	27.3	77.0
37.9	86.7	10123.4	275.0	-43.2	99.9	261.8	36.1	35.7	5.2	332.6	332.6	0.9	99.9	31.5	78.0
41.3	91.4	11759.3	250.0	-47.8	99.9	263.0	33.9	33.6	4.2	335.3	335.3	0.6	99.9	36.6	78.0
42.9	96.3	11447.4	225.0	-51.5	99.9	265.4	36.7	36.5	2.9	339.6	339.6	0.9	99.9	42.3	76.0
45.4	101.6	12273.5	200.0	-56.8	99.9	265.7	33.8	33.8	0.2	342.9	342.9	0.9	99.9	47.7	80.0
48.1	107.5	13038.9	175.0	-61.5	99.9	264.4	33.5	33.3	3.3	348.4	348.4	0.9	99.9	53.5	81.0
51.4	114.0	13955.1	150.0	-61.7	99.9	258.0	31.7	31.0	6.6	363.8	363.8	0.9	99.9	59.9	81.0
55.2	121.3	15123.7	125.0	-62.7	99.9	274.7	43.0	42.9	-2.5	381.4	381.4	0.9	99.9	69.1	81.0
59.7	129.7	16479.2	100.0	-65.7	99.9	272.0	35.9	35.8	-1.3	400.5	400.5	0.9	99.9	78.6	83.0
65.5	139.3	19259.2	75.0	-65.0	99.9	349.4	6.8	1.3	-6.7	436.6	436.6	0.9	99.9	85.4	85.0
73.4	140.3	20734.2	50.0	-58.0	99.9	300.6	5.5	4.7	-2.8	506.9	506.9	0.9	99.9	84.9	85.0
80.3	160.7	25206.7	25.0	-49.2	99.9	271.0	10.1	10.1	-0.2	643.7	643.7	0.9	99.9	82.5	85.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE  
OF POOR QUALITY



STATION NO. 250  
BROWNSVILLE, TEX6 MAY 1975  
1800 GMT

157 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	FOY T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE NM	IZ IN
0.7	4.9	7.0	1003.2	31.1	23.5	170.0	7.2	-1.3	7.1	370.5	350.3	18.5	64.0	0.0	0.
0.1	4.2	35.7	1301.0	29.7	22.5	99.9	99.9	99.9	99.9	305.2	353.3	17.5	65.7	99.9	99.9
1.0	6.5	261.3	975.0	26.7	22.9	99.9	99.9	99.9	99.9	304.5	353.7	18.4	87.3	99.9	99.9
1.8	6.6	491.0	950.0	24.3	22.0	99.9	99.9	99.9	99.9	304.3	351.8	17.8	86.9	99.9	99.9
2.8	10.6	725.2	925.0	22.6	21.2	99.9	99.9	99.9	99.9	304.8	351.4	17.4	91.4	99.9	99.9
3.7	12.6	964.2	900.0	20.9	18.2	99.9	99.9	99.9	99.9	305.0	345.4	15.0	85.3	99.9	99.9
4.5	14.7	1210.6	875.0	25.4	11.6	99.9	99.9	99.9	99.9	311.6	339.5	9.9	42.0	99.9	99.9
5.4	16.7	1464.7	850.0	23.6	9.0	99.9	99.9	99.9	99.9	312.1	338.1	8.5	39.2	99.9	99.9
6.3	18.9	1724.8	825.0	22.5	5.8	99.9	99.9	99.9	99.9	313.3	333.7	7.0	33.8	99.9	99.9
7.1	21.0	1501.6	800.0	21.4	2.1	99.9	99.9	99.9	99.9	314.7	331.2	5.6	27.9	99.9	99.9
8.0	23.3	2265.6	775.0	19.4	-2.2	99.9	99.9	99.9	99.9	315.3	328.3	4.2	23.1	99.9	99.9
9.0	25.5	2466.6	750.0	17.8	-3.5	99.9	99.9	99.9	99.9	317.2	324.3	3.6	23.3	99.9	99.9
10.0	27.9	2835.1	725.0	15.8	-5.1	99.9	99.9	99.9	99.9	318.4	320.4	4.1	30.1	99.9	99.9
11.0	30.2	3131.6	700.0	13.3	-7.9	99.9	99.9	99.9	99.9	317.8	330.4	4.1	30.1	99.9	99.9
12.0	32.7	3436.2	675.0	10.8	-4.0	200.0	13.5	6.1	12.0	318.2	331.1	4.2	35.1	6.9	24.
13.0	35.1	3749.2	650.0	8.0	-7.0	200.0	11.2	6.3	11.6	319.5	329.2	3.5	33.5	7.7	28.
14.1	37.7	4071.1	625.0	5.3	-12.3	211.9	12.6	6.6	10.7	318.8	326.4	2.4	27.0	8.3	28.
15.2	40.3	4403.4	600.0	3.1	-15.5	218.9	13.2	8.3	10.3	319.9	326.0	1.9	24.3	9.4	29.
16.4	42.9	4745.9	575.0	0.1	-17.8	222.7	14.5	9.8	10.6	320.3	325.6	1.0	24.3	12.3	30.
17.5	45.9	5099.6	550.0	-3.4	-22.0	227.5	14.6	10.7	9.8	320.1	323.8	1.1	20.6	11.4	31.
18.0	48.8	5465.5	525.0	-6.5	-25.2	230.1	14.2	15.3	7.1	320.7	323.9	0.9	25.8	12.4	33.
20.1	51.6	5844.6	500.0	-9.5	-19.6	232.0	15.8	15.0	4.9	321.6	326.9	1.6	43.9	13.3	36.
21.2	54.6	6238.6	475.0	-12.3	-30.6	235.9	18.1	17.5	4.4	322.8	328.0	0.6	18.9	14.2	39.
22.5	57.6	6600.7	450.0	-13.6	-32.7	238.0	20.7	19.9	5.7	324.2	329.1	0.5	18.1	15.5	42.
24.0	61.0	7032.0	425.0	-16.7	-35.6	240.1	21.0	18.9	5.2	327.6	329.1	0.4	17.5	17.0	45.
25.5	64.4	7535.6	400.0	-20.3	-38.8	240.2	20.1	18.4	8.1	328.5	329.7	0.3	17.3	18.3	47.
27.2	67.5	8010.8	375.0	-23.1	-41.8	240.8	22.0	20.5	8.3	330.9	331.9	0.3	16.2	20.8	49.
28.7	71.3	8513.9	350.0	-26.1	-42.2	243.6	25.5	22.8	11.3	333.5	334.5	0.3	20.1	23.0	51.
30.3	75.2	9045.1	325.0	-30.8	-47.2	245.9	27.0	24.7	11.0	334.2	335.0	0.2	22.6	25.4	52.
32.0	78.5	9638.3	300.0	-35.3	-49.2	247.3	31.0	28.6	12.0	335.5	336.0	0.1	22.3	28.3	54.
33.7	81.5	10208.4	275.0	-40.1	-49.9	249.9	32.2	29.0	14.2	337.1	339.5	99.9	99.9	31.4	55.
35.8	85.0	10850.1	250.0	-46.0	-49.9	245.7	31.8	29.7	13.1	337.7	339.9	99.9	99.9	35.3	56.
38.1	92.0	11542.1	225.0	-51.9	-49.9	240.3	38.3	35.9	13.5	338.9	339.9	99.9	99.9	40.5	57.
41.8	98.1	12266.0	200.0	-57.7	-49.9	255.9	42.6	41.3	10.4	341.4	339.9	99.9	99.9	46.4	60.
43.8	103.9	13112.6	175.0	-59.7	-49.9	260.8	41.9	41.4	6.7	351.3	339.9	99.9	99.9	53.7	62.
47.0	110.2	14037.8	150.0	-63.2	-49.9	254.9	39.2	37.4	10.2	361.2	339.9	99.9	99.9	60.6	64.
51.0	117.0	15155.3	125.0	-67.5	-49.9	261.9	35.0	34.6	4.9	372.8	339.9	99.9	99.9	68.4	66.
55.2	125.3	16528.0	100.0	-71.9	-49.9	267.1	16.5	10.0	0.8	384.9	339.9	99.9	99.9	73.6	67.
60.6	135.3	18191.2	75.0	-77.8	-49.9	289.0	12.0	11.3	-3.9	409.8	339.9	99.9	99.9	76.6	69.
68.3	145.0	20674.7	50.0	-80.7	-49.9	54.7	5.2	-4.3	-2.0	500.4	339.9	99.9	99.9	75.9	69.
81.0	156.5	25136.6	25.0	-89.0	-49.9	68.8	5.7	-5.3	-2.1	644.2	339.9	99.9	99.9	73.1	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255  
VICTORIA, TFC

6 MAY 1975  
1715 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRFS MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT Y DG K	E POT T DG K	MX RTO GN/KG	RH PCT	160 RANGE KM	13. 0 AZ DG
0.1	5.7	31.0	1000.8	28.3	22.3	180.0	5.2	0.0	5.2	303.7	349.7	17.2	70.0	0.0	0.0
0.6	5.3	40.0	1000.0	28.2	22.3	179.7	5.1	-0.0	5.1	303.7	349.6	17.2	70.1	0.0	0.0
0.6	6.8	265.2	975.0	26.0	21.3	175.1	4.0	-0.3	4.0	303.6	347.9	16.6	75.4	0.2	1.0
1.1	6.9	454.2	950.0	23.8	21.2	184.3	4.2	0.3	4.2	303.6	348.9	17.0	85.6	0.3	0.0
1.7	17.7	727.4	925.0	21.1	20.7	191.6	5.5	1.1	5.4	303.1	346.2	16.2	93.3	0.5	3.0
2.4	12.7	965.2	911.0	19.8	20.7	192.7	7.5	1.0	7.4	304.7	345.1	15.3	93.3	0.7	6.0
3.3	14.9	1298.4	875.0	18.9	19.9	184.6	9.1	-0.9	9.0	305.2	341.0	13.2	82.7	1.2	5.0
4.0	16.9	1460.5	850.0	23.8	3.6	142.3	9.1	-2.8	8.7	311.0	328.9	5.8	28.8	1.4	0.0
4.9	19.1	1720.4	825.0	22.5	2.0	152.1	8.4	-3.9	7.4	313.1	328.9	5.4	25.8	2.0	35.0
5.7	21.1	1936.9	800.0	20.9	-7.0	145.6	9.0	-5.0	7.5	313.8	322.5	2.8	14.6	2.4	35.0
6.6	23.3	2250.0	775.0	18.9	-7.5	154.3	6.9	-3.0	6.2	314.6	323.2	2.7	15.9	2.8	37.0
7.6	25.6	2540.1	750.0	16.6	-8.6	167.8	5.2	-1.1	5.1	314.5	323.2	2.7	17.0	3.2	37.0
8.6	27.9	2820.8	725.0	14.1	-6.8	169.8	4.7	-0.8	4.6	315.3	325.1	3.2	22.9	3.4	37.0
9.5	30.3	3121.1	700.0	11.1	-5.2	182.0	4.7	0.2	4.7	315.3	326.5	2.3	21.1	3.7	37.0
10.7	32.9	3423.4	675.0	9.1	-12.1	210.0	5.4	2.7	4.7	316.1	323.2	2.3	21.1	4.3	37.0
11.7	35.4	3734.4	650.0	6.3	-13.4	218.4	6.2	3.9	4.9	316.4	322.9	2.1	22.7	4.3	35.0
12.8	38.3	4054.1	625.0	3.5	-14.5	215.3	8.1	4.7	6.6	316.7	323.0	2.7	25.2	4.6	35.0
13.9	40.5	4384.9	600.0	0.5	-9.6	208.3	11.3	5.3	5.9	317.1	326.6	3.1	40.6	5.2	2.0
15.1	43.2	4723.6	575.0	-2.6	-5.7	208.6	13.1	6.3	11.5	317.5	337.7	4.3	79.1	5.9	5.0
16.2	46.1	5074.8	550.0	-5.4	-10.2	214.2	15.1	8.5	12.5	318.0	328.0	3.2	69.2	9.8	8.0
17.4	49.1	5438.2	525.0	-8.4	-15.3	222.1	18.5	12.4	12.7	318.6	325.6	2.2	57.6	7.9	13.0
18.7	52.0	5815.0	500.0	-10.9	-38.6	236.3	20.7	17.3	11.5	319.7	321.1	0.4	12.1	9.2	18.0
20.0	55.3	6277.7	475.0	-12.6	-38.8	241.5	21.9	19.2	10.4	322.3	323.3	0.3	9.0	17.4	25.0
21.5	58.1	6818.3	450.0	-15.3	-38.6	248.0	21.2	19.1	9.3	324.0	325.1	0.3	11.5	12.0	30.0
22.8	61.5	7348.0	425.0	-18.0	-40.5	245.9	22.6	20.6	9.2	325.9	326.9	0.3	11.7	13.6	35.0
24.4	65.1	7948.3	400.0	-21.0	-42.7	242.4	25.0	22.1	11.6	327.7	328.5	0.2	12.7	15.5	38.0
26.1	68.4	8570.5	375.0	-24.3	-45.2	251.9	26.5	25.1	8.2	329.4	330.0	0.2	12.4	17.9	43.0
27.9	72.0	9270.5	350.0	-28.4	-48.2	257.8	27.3	28.7	5.8	330.4	330.9	0.1	12.8	27.4	47.0
29.9	76.0	9956.9	325.0	-34.4	-51.3	256.5	32.8	31.9	7.6	331.9	332.3	0.1	13.2	23.4	52.0
31.9	80.3	10557.3	300.0	-38.5	-54.4	250.3	37.3	35.1	12.6	333.9	334.1	0.1	13.6	27.5	55.0
34.0	84.4	10154.6	275.0	-42.8	-58.9	244.5	36.1	34.8	9.6	330.1	330.9	0.6	99.9	31.6	57.0
36.1	89.2	10764.8	250.0	-48.4	-64.4	255.7	41.4	39.9	10.7	337.1	330.9	0.6	99.9	36.5	60.0
38.5	94.2	11484.7	225.0	-52.4	-69.9	260.0	41.5	40.9	7.2	338.3	330.9	0.9	99.9	42.1	62.0
41.1	99.5	12238.0	200.0	-56.3	-74.4	257.9	46.5	47.5	5.8	343.6	330.9	0.9	99.9	49.2	65.0
44.2	107.3	13078.1	175.0	-59.9	-78.9	255.5	45.3	43.8	11.3	351.1	330.9	0.8	99.9	57.7	68.0
47.9	112.3	14036.3	150.0	-61.4	-80.9	252.9	35.3	33.7	11.4	364.3	330.9	0.6	99.9	66.5	67.0
51.8	119.3	15154.3	125.0	-66.2	-85.9	265.8	39.2	39.1	2.8	375.2	330.9	0.9	99.9	75.6	68.0
56.9	128.3	16531.5	100.0	-68.9	-90.3	278.5	24.2	23.9	-3.6	396.7	330.9	0.9	99.9	84.2	71.0
62.8	137.5	18154.5	75.0	-74.7	-94.3	295.9	8.9	8.0	-3.9	416.2	330.9	0.9	99.9	89.8	73.0
71.2	147.5	20666.0	50.0	-80.2	-99.9	327.3	3.5	1.9	-3.9	501.8	330.9	0.9	99.9	89.7	73.0
85.0	158.5	25121.8	25.0	-89.5	-99.9	356.4	1.0	3.1	-11.0	642.5	330.9	0.9	99.9	88.1	74.0

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

• BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 261  
DEL RIO, TEX

6 MAY 1975  
1715 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES IN.	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	8.0	314.0	569.4	29.2	19.2	350.0	7.7	1.3	-7.6	307.1	347.0	14.7	55.0	0.0	0.0
0.0	55.9	99.9	1000.0	59.9	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	575.0	99.9	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	17.5	494.1	550.0	27.2	15.4	319.8	14.7	9.7	-11.1	306.4	338.4	11.7	48.4	0.4	177.0
1.3	12.7	729.1	925.0	24.4	15.9	323.3	9.5	5.7	-7.7	306.0	339.9	12.4	59.1	0.8	156.0
2.2	15.1	568.6	900.0	21.7	16.7	328.3	7.1	3.7	-6.0	305.7	342.2	13.4	73.1	1.3	152.0
3.4	17.3	1212.9	875.0	19.4	15.7	337.8	6.4	2.4	-6.0	305.7	341.0	12.9	78.7	1.7	153.0
4.3	19.7	1442.2	850.0	16.9	13.9	320.1	5.9	3.8	-4.5	305.4	337.8	11.9	82.7	2.0	153.0
5.2	22.7	1716.7	825.0	15.4	8.6	302.0	8.0	6.8	-4.2	306.0	329.8	8.5	63.8	2.4	150.0
6.1	24.5	1977.5	800.0	14.2	0.4	285.9	8.9	8.4	-2.4	306.9	321.2	5.0	39.0	2.8	144.0
7.1	26.9	2245.4	775.0	13.4	-9.8	274.2	6.1	5.1	-0.4	308.5	315.0	2.3	18.9	3.2	134.0
8.2	29.4	2519.9	750.0	12.3	-10.7	271.6	5.3	4.2	3.1	310.2	317.1	2.3	19.0	3.3	123.0
9.3	32.1	2802.8	725.0	10.4	-10.7	249.3	4.0	3.8	4.7	311.1	318.3	2.3	21.5	3.3	126.0
10.4	34.9	3093.2	700.0	8.2	-12.5	216.3	9.0	5.3	7.3	311.8	318.3	2.1	21.6	3.4	115.0
11.4	37.4	3392.7	675.0	6.4	-12.2	211.2	12.1	6.3	10.4	313.1	320.0	2.2	25.0	3.5	108.0
12.4	40.2	3700.6	650.0	3.5	-11.7	205.0	13.7	5.8	12.4	313.2	320.6	2.4	31.7	3.7	96.0
13.4	43.0	4017.0	625.0	0.6	-15.7	207.8	14.4	6.7	12.7	313.5	319.0	1.8	28.3	4.1	84.0
14.5	46.0	4383.4	600.0	-1.5	-21.8	218.0	15.9	9.8	12.5	316.5	318.1	1.1	19.5	4.7	75.0
15.7	49.0	4681.6	575.0	-2.9	-25.3	220.7	17.4	11.4	13.2	316.7	319.5	0.8	15.7	5.8	68.0
17.0	52.0	5032.3	550.0	-4.8	-28.2	229.7	18.6	14.2	12.0	319.5	320.8	0.7	13.9	7.1	63.0
18.5	55.2	5396.6	525.0	-7.0	-31.5	230.0	20.1	15.4	12.9	320.0	322.1	0.6	14.1	8.8	61.0
20.0	58.4	5775.8	500.0	-9.3	-34.0	237.8	19.6	15.6	12.3	321.8	323.7	0.5	14.3	10.6	58.0
21.6	61.9	6170.0	475.0	-12.5	-37.6	242.3	21.6	18.2	11.5	322.5	324.1	0.4	14.6	12.6	58.0
23.2	65.3	6591.0	450.0	-15.3	-36.1	242.3	21.9	19.4	10.2	324.0	325.3	0.4	14.8	14.7	59.0
24.9	68.9	7009.6	425.0	-19.8	-37.6	248.0	24.4	22.6	9.2	324.5	326.2	0.3	17.1	17.0	50.0
26.9	72.5	7455.3	400.0	-21.5	-39.7	242.3	28.5	25.2	13.2	327.0	328.1	0.3	17.3	27.1	61.0
28.8	76.5	7932.3	375.0	-24.7	-41.8	243.6	32.3	29.0	14.4	328.9	329.8	0.7	18.5	23.5	61.0
30.6	80.6	8430.6	350.0	-28.8	-40.5	245.7	33.9	30.9	14.0	329.8	331.0	0.3	31.3	27.0	61.0
32.3	84.8	8955.3	325.0	-33.2	-41.7	246.3	35.9	32.8	14.4	330.6	331.9	0.3	42.0	30.7	62.0
34.6	89.2	9513.2	300.0	-37.8	-43.9	243.9	40.3	36.2	17.7	332.1	333.0	0.3	52.9	35.4	62.0
36.6	94.0	10106.8	275.0	-42.7	-49.9	239.2	43.2	37.1	22.1	333.4	334.4	0.9	99.9	42.9	62.0
38.9	99.0	10744.5	250.0	-47.0	-59.0	237.0	47.2	39.6	25.7	335.2	336.2	0.9	99.9	47.2	62.0
41.2	104.3	11434.8	225.0	-51.8	-69.9	245.1	43.6	39.5	18.3	339.1	339.9	0.9	99.9	53.2	61.0
43.8	110.0	12149.4	200.0	-57.0	-79.9	247.3	47.1	43.4	16.2	342.5	343.5	0.9	99.9	60.7	62.0
46.5	116.0	12928.1	175.0	-59.5	-89.5	250.4	42.6	40.1	14.3	351.7	352.7	0.9	99.9	67.8	63.0
49.8	123.0	13937.3	150.0	-57.5	-99.9	251.1	44.6	42.2	14.4	371.1	371.1	0.9	99.9	76.8	64.0
53.4	130.3	15136.0	125.0	-61.9	-99.9	256.0	41.4	40.2	10.0	383.0	383.0	0.9	99.9	86.3	64.0
57.4	138.5	16407.4	100.0	-67.0	-99.9	250.2	17.8	16.7	6.0	394.4	399.9	0.9	99.9	93.0	66.0
62.5	147.0	18195.3	75.0	-73.3	-99.9	242.5	6.8	6.7	0.9	419.2	419.2	0.9	99.9	97.8	66.0
69.4	156.5	20672.1	50.0	-80.1	-99.9	322.2	0.8	0.5	-0.6	501.9	501.9	0.9	99.9	98.8	66.0
81.1	167.0	25112.3	25.0	-50.4	-99.9	63.5	0.7	-0.6	-0.3	639.6	639.6	0.9	99.9	97.4	66.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 265  
MIDLAND, TEX

6 MAY 1975  
1720 GMT

153 18. C

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
7.7	11.9	673.0	510.9	21.2	-5.6	280.0	7.7	7.0	-1.3	302.7	310.8	2.8	16.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12.3	12.3	976.6	875.0	16.9	-5.6	291.9	5.9	5.5	-2.2	301.7	310.1	2.9	20.9	0.5	116.
1.2	15.1	1217.2	875.0	16.9	-5.6	291.9	5.9	5.5	-2.2	301.7	310.1	2.9	20.9	0.5	116.
2.4	17.2	1462.8	850.0	14.3	-8.5	294.5	6.7	6.1	-2.8	301.5	309.4	2.7	22.5	0.9	117.
2.9	16.5	1713.5	825.0	11.9	-8.5	282.8	8.0	7.8	-1.8	301.5	309.4	2.5	24.1	1.2	116.
3.6	21.6	1969.7	802.0	9.4	-8.9	260.5	8.9	8.8	1.5	301.5	309.4	2.4	26.5	1.5	117.
4.5	24.7	2232.5	775.0	9.1	-9.1	240.9	12.7	11.1	6.2	304.0	311.3	2.5	26.6	2.2	117.
5.6	26.3	2503.8	750.0	8.2	-8.5	226.1	14.6	12.5	10.1	305.9	313.9	2.7	26.5	2.6	117.
6.7	28.9	2782.4	725.0	5.6	-9.1	230.6	16.0	12.3	10.1	305.9	313.9	2.7	26.5	2.6	117.
7.3	31.4	3168.2	700.0	-0.6	-12.9	238.2	18.3	15.6	9.7	306.7	312.9	2.0	28.7	3.3	117.
8.5	34.1	3362.4	675.0	1.8	-16.2	239.5	19.7	17.0	10.0	307.9	312.8	1.6	24.8	5.5	117.
9.6	36.7	3658.2	650.0	-0.6	-17.5	235.6	19.6	16.2	11.1	304.4	313.0	1.5	26.5	6.7	117.
10.7	39.4	3877.7	625.0	-2.1	-21.4	231.9	20.1	15.8	12.4	310.2	313.8	1.1	21.1	7.9	117.
11.4	42.0	4111.0	600.0	-3.6	-23.2	227.8	17.3	12.6	11.6	312.0	315.2	1.0	20.2	9.3	117.
12.9	44.5	4635.8	575.0	-5.8	-27.2	229.5	19.1	14.5	12.4	313.2	316.8	0.7	16.5	10.3	117.
13.9	47.9	4882.5	550.0	-8.0	-28.9	230.6	19.0	14.6	12.0	314.6	316.8	0.6	16.7	11.5	117.
15.7	51.5	5342.0	525.0	-10.5	-30.8	235.4	20.0	16.5	11.2	315.8	317.7	0.6	16.9	12.8	117.
16.2	54.0	5715.9	500.0	-12.8	-32.7	236.1	23.2	19.2	12.9	317.4	319.1	0.5	17.0	14.3	117.
17.7	57.1	6104.8	475.0	-15.9	-34.3	230.3	24.1	18.6	15.4	318.3	319.8	0.4	18.7	16.4	117.
19.1	60.6	6509.8	450.0	-19.3	-37.2	234.4	26.9	21.9	15.6	319.0	320.2	0.3	18.7	18.5	117.
20.6	64.1	6932.6	425.0	-21.7	-40.5	238.4	28.4	24.2	14.9	321.2	322.1	0.3	18.2	21.0	117.
22.1	67.6	7378.2	400.0	-23.0	-41.9	242.5	35.7	31.7	16.5	325.1	325.9	0.2	15.9	23.8	117.
23.6	71.2	7848.5	375.0	-25.5	-43.7	239.4	40.4	34.8	20.6	327.8	328.5	0.2	16.1	27.3	117.
25.1	75.2	8344.9	350.0	-29.6	-47.0	237.3	44.0	37.0	23.7	328.7	329.3	0.2	16.5	31.1	117.
26.7	79.3	8848.1	325.0	-34.7	-51.1	237.1	42.0	35.7	23.1	328.8	329.2	0.1	16.9	35.3	117.
28.5	83.6	9421.6	300.0	-39.6	-54.9	237.5	43.9	37.0	23.6	329.5	329.5	99.9	99.9	40.2	117.
30.5	88.0	10117.3	275.0	-44.4	-59.9	236.1	41.5	35.6	21.3	330.9	330.9	99.9	99.9	44.8	117.
32.5	93.0	10643.7	250.0	-48.2	-64.9	236.1	48.6	41.3	25.7	334.4	334.4	99.9	99.9	50.6	117.
34.6	98.0	11331.8	225.0	-52.0	-69.9	241.8	47.4	41.8	22.4	338.8	338.8	99.9	99.9	56.7	117.
37.3	103.6	12086.6	200.0	-56.2	-74.9	238.4	45.7	38.2	23.9	343.8	343.8	99.9	99.9	63.0	117.
39.6	110.3	12933.2	175.0	-59.3	-79.9	241.8	42.0	37.5	20.2	353.7	353.7	99.9	99.9	69.6	117.
42.7	116.5	13936.7	150.0	-58.8	-84.9	245.4	51.4	46.8	21.4	368.8	368.8	99.9	99.9	77.6	117.
46.2	124.3	15046.4	125.0	-59.7	-89.9	256.7	48.5	47.2	11.2	386.9	386.9	99.9	99.9	87.5	117.
49.3	132.5	16403.3	100.0	-62.4	-94.9	251.3	20.3	19.2	6.5	407.2	407.2	99.9	99.9	95.1	117.
53.4	141.3	18175.1	75.0	-67.9	-99.9	220.0	16.3	10.5	12.5	430.5	430.5	99.9	99.9	100.9	117.
63.2	150.5	23686.2	50.0	-56.8	-99.9	91.7	2.9	-2.9	0.1	509.6	509.6	99.9	99.9	100.9	117.
75.4	167.3	23143.9	25.0	-49.9	-99.9	99.9	99.9	99.9	99.9	641.3	641.3	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270  
FL PASO, TEX

6 MAY 1975  
1800 GMT

146 19. C

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V CCMP /SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.7	16.4	1193.0	878.5	16.5	-12.7	235.0	5.2	4.3	3.0	302.8	36.0	1.7	13.0	1.0	11
09.9	66.9	60.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.1	16.3	1220.8	875.0	15.2	-10.3	259.9	5.0	5.8	1.0	299.8	305.7	2.0	16.4	3.1	39
0.7	16.2	1470.5	850.7	12.0	-10.8	267.3	6.3	6.3	0.3	293.0	34.8	2.0	19.1	0.3	71
1.4	21.4	1719.1	835.0	9.4	-11.7	272.8	5.1	5.1	0.6	298.8	34.4	1.9	21.1	0.5	76
1.9	23.9	1972.8	830.7	6.8	-12.7	277.9	4.3	4.2	0.2	298.6	303.9	1.8	23.2	0.6	79
2.5	24.2	2232.4	775.0	4.4	-13.4	270.7	4.0	4.0	0.6	297.7	303.9	1.7	26.0	3.8	80
3.2	28.9	2408.0	750.0	1.7	-12.3	252.2	9.4	8.9	2.9	297.6	34.5	2.0	34.6	1.0	79
4.1	31.3	2770.1	735.0	-0.6	-11.6	245.6	14.7	13.4	6.1	297.1	305.5	2.2	43.1	1.7	75
5.2	34.0	3049.7	700.0	-2.2	-9.6	236.1	17.8	14.7	9.9	300.4	308.1	2.6	56.8	2.7	69
6.6	36.6	3318.0	675.0	-3.5	-13.2	247.9	25.6	23.7	9.6	302.0	308.2	2.1	47.5	4.6	67
8.0	39.3	3637.1	650.0	-2.4	-28.0	252.1	26.9	25.0	8.2	306.3	308.2	0.6	11.9	6.9	58
8.9	41.3	3947.4	625.0	-3.8	-29.0	258.0	23.8	23.3	4.9	308.2	310.0	0.6	12.0	8.2	69
9.8	44.2	4268.7	600.0	-5.6	-30.3	260.9	21.2	21.0	3.4	309.6	311.3	0.5	12.1	9.4	71
10.9	47.8	4600.9	575.0	-7.6	-31.8	259.0	22.0	21.6	4.2	311.1	312.6	0.5	12.3	10.7	72
12.2	50.5	4945.8	550.0	-6.3	-32.0	255.7	24.9	24.1	6.1	313.0	314.5	0.4	12.4	12.5	73
13.5	53.5	5118.2	525.0	-11.2	-36.7	255.3	27.4	26.5	6.9	314.5	316.3	0.4	12.6	14.6	73
14.7	56.4	5674.9	500.0	-13.4	-36.0	252.7	28.3	27.0	8.4	316.7	317.9	0.3	12.8	16.7	73
15.9	59.6	6065.3	475.0	-16.2	-38.1	249.0	27.4	25.0	11.1	317.9	318.0	0.3	13.0	18.7	73
17.2	63.1	6459.9	450.0	-18.5	-39.8	241.3	25.0	25.5	14.0	319.9	320.9	0.3	13.2	20.8	72
18.4	66.1	6801.9	425.1	-21.2	-41.9	237.7	31.6	26.7	16.9	321.7	322.5	0.2	13.5	23.1	70
20.7	70.7	7333.0	400.0	-24.7	-44.5	242.4	32.4	28.7	15.0	322.7	323.6	0.2	13.8	25.9	69
21.6	73.4	7804.8	375.0	-28.3	-45.5	239.8	36.1	31.2	16.2	324.0	324.7	0.2	17.4	29.2	68
23.1	77.1	8295.2	350.0	-32.4	-48.7	235.5	31.2	25.1	17.7	325.0	325.5	0.1	17.7	32.4	67
24.9	80.9	9418.3	325.0	-37.4	-52.8	236.7	34.6	29.3	18.0	325.1	325.4	0.1	18.0	35.9	66
26.9	85.1	9758.9	300.0	-42.2	-59.9	236.7	32.6	27.6	17.3	325.9	325.9	99.9	99.9	39.5	66
28.0	90.4	9944.3	275.0	-46.3	-59.7	236.7	34.1	31.9	20.9	326.2	326.2	99.9	99.9	43.8	65
31.0	94.2	11572.0	250.0	-49.0	-59.9	237.0	51.2	43.0	27.9	333.3	333.3	99.9	99.9	49.5	64
33.3	96.7	11257.6	225.0	-52.9	-59.9	241.5	48.5	42.6	23.1	337.4	337.4	99.9	99.9	56.5	63
35.3	104.3	12012.0	200.0	-55.8	-59.9	235.1	50.1	41.1	28.6	344.4	344.4	99.9	99.9	63.9	63
39.7	110.2	12462.0	175.0	-56.5	-59.9	237.8	51.7	43.7	27.5	356.6	356.6	99.9	99.9	72.1	62
42.7	116.3	13443.3	150.0	-56.8	-59.9	238.8	48.2	41.2	25.0	375.7	375.7	99.9	99.9	92.3	62
46.1	123.7	15003.3	125.0	-57.8	-59.9	245.1	41.2	37.3	17.3	350.3	350.3	99.9	99.9	99.9	62
50.9	131.7	16407.9	100.0	-59.2	-59.9	243.2	31.8	28.3	14.3	413.4	413.4	99.9	99.9	102.2	62
56.3	140.0	19156.9	75.0	-64.5	-59.9	236.2	4.1	7.7	4.8	437.8	437.8	99.9	99.9	106.7	62
63.8	149.0	23715.5	50.0	-66.6	-59.9	226.6	5.2	5.2	0.3	510.2	510.2	99.9	99.9	107.4	62
75.5	159.7	25189.6	25.0	-69.1	-59.9	318.5	3.1	2.1	-2.3	643.8	643.8	99.9	99.9	105.1	63

\* BY SPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN.6 MAY 1975  
1715 GLT

TIME	CATCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTD	RM	RANGE	AZ
MM		GPM	MM	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	GM/KG	PCT	KM	DEG
00.0	0.2	187.0	991.4	22.9	17.1	190.7	4.2	0.7	4.1	258.5	331.6	12.5	74.0	7.0	3.0
00.0	0.9	190.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	7.6	181.1	975.0	20.6	16.1	206.1	4.4	1.9	5.0	297.4	328.8	11.9	75.5	7.2	11.0
1.4	5.8	189.6	952.0	18.8	16.2	202.8	6.1	2.4	5.6	297.9	330.3	12.3	84.9	7.4	16.0
2.3	11.7	178.1	925.0	16.3	15.6	207.2	9.1	4.2	8.1	297.6	329.6	12.1	95.5	0.8	21.0
3.1	14.3	181.4	900.0	14.8	14.6	212.7	11.8	6.3	10.0	298.3	329.3	11.7	98.7	1.4	28.0
3.9	16.7	1250.5	875.0	14.4	14.2	218.9	12.3	7.7	9.6	303.3	331.6	11.7	98.6	2.5	27.0
4.9	18.4	1495.4	850.0	12.3	12.0	224.5	9.4	6.6	6.7	300.4	318.4	10.5	98.3	1.6	31.0
6.2	20.6	1745.3	825.0	9.0	4.6	219.7	6.9	4.4	5.3	297.6	317.5	6.5	71.0	3.2	33.0
7.3	22.9	2103.2	800.0	8.2	2.2	228.3	6.8	5.1	4.5	300.6	316.3	6.6	65.9	3.6	35.0
8.4	25.1	2267.6	775.0	8.4	5.7	236.0	7.1	5.9	4.0	303.8	324.5	7.5	83.4	4.0	37.0
9.4	27.8	2534.2	750.0	6.5	5.7	237.8	8.0	6.8	4.2	304.6	326.7	7.7	94.9	4.5	39.0
10.5	30.4	2811.2	725.0	4.6	3.5	244.5	7.2	6.0	3.1	305.4	324.6	6.8	92.7	5.0	41.0
11.5	33.0	3097.7	700.0	2.9	-1.3	253.7	7.4	7.1	2.1	306.4	321.0	5.1	75.6	5.3	43.0
12.7	35.6	3391.9	675.0	0.9	-3.7	246.3	9.0	6.4	3.2	307.2	319.8	4.3	71.4	5.9	48.0
13.9	38.4	3654.2	650.0	-1.6	-5.5	250.1	10.3	9.7	3.5	307.7	319.6	4.1	76.9	6.5	48.0
15.1	41.3	4005.8	625.0	-3.1	-13.8	265.7	10.2	10.2	0.8	309.2	315.7	2.1	43.3	7.3	51.0
16.4	44.0	4327.8	600.0	-4.8	-23.1	371.2	9.6	8.4	-5.1	310.7	313.9	1.0	22.1	7.7	55.0
17.7	47.1	4667.9	575.0	-7.7	-19.3	306.3	11.7	9.5	-6.9	311.1	315.6	1.4	39.0	8.3	61.0
19.0	50.2	5004.8	550.0	-10.6	-26.7	305.1	11.8	9.7	-6.8	311.0	314.5	0.9	29.3	9.5	57.0
20.3	53.5	5341.5	525.0	-12.3	-57.5	305.3	11.0	8.9	-6.3	314.0	314.0	0.0	1.0	9.3	72.0
21.8	56.7	5733.8	500.0	-13.3	-55.8	304.3	11.7	9.6	-6.6	316.8	316.4	0.0	1.4	9.6	77.0
23.2	60.3	6122.8	475.0	-15.7	-52.6	310.1	13.0	9.9	-8.4	318.5	318.8	0.1	2.9	10.3	81.0
24.9	63.7	6528.1	450.0	-18.6	-47.4	311.2	14.0	11.0	-9.6	319.8	320.2	0.1	5.8	11.2	86.0
26.6	67.7	6952.3	425.0	-21.6	-49.2	316.6	10.5	11.3	-12.0	321.3	321.7	0.1	6.1	12.3	92.0
28.3	71.5	7366.1	400.0	-25.0	-51.3	313.0	19.5	14.1	-13.4	322.4	322.7	0.1	6.5	13.6	97.0
30.1	75.7	7861.8	375.0	-28.8	-44.0	312.3	24.5	14.7	-16.5	323.5	324.2	0.2	21.6	15.7	102.0
31.9	80.1	8333.3	350.0	-30.8	-36.1	297.0	26.6	23.7	-12.1	327.2	326.9	0.5	59.5	18.3	106.0
33.5	84.7	8875.1	325.0	-34.6	-40.1	276.3	23.3	23.2	-2.8	328.7	330.2	0.4	58.2	20.7	106.0
35.3	89.2	9429.1	300.0	-39.2	-44.6	271.4	22.1	22.1	-0.6	330.1	330.9	0.2	55.9	23.2	106.0
37.6	94.4	10018.8	275.0	-44.4	99.9	277.7	22.9	22.7	-3.1	331.0	330.9	99.9	99.9	26.2	113.0
39.8	99.8	10500.4	250.0	-49.6	99.9	288.6	22.5	21.3	-7.2	332.4	332.4	99.9	99.9	29.0	113.0
42.5	104.5	11031.4	225.0	-55.4	99.9	283.4	24.3	23.6	-5.6	333.6	333.6	99.9	99.9	32.2	106.0
44.5	111.8	11671.3	200.0	-61.1	99.9	280.1	26.5	25.4	-7.3	336.0	336.0	99.9	99.9	37.4	106.0
46.4	118.3	12490.7	175.0	-65.6	99.9	280.6	24.8	24.4	-4.6	341.7	339.9	99.9	99.9	42.1	106.0
48.4	125.8	13211.9	150.0	-67.8	99.9	287.5	31.7	30.2	-9.5	353.3	339.9	99.9	99.9	48.1	106.0
50.9	133.5	14033.6	125.0	-63.2	99.9	298.5	27.1	23.8	-13.0	380.6	339.9	99.9	99.9	55.1	105.0
60.0	181.3	16306.5	100.0	-60.3	99.9	283.2	17.7	17.2	-4.0	411.4	339.9	99.9	99.9	61.5	106.0
67.0	189.3	18265.2	75.0	-64.1	99.9	312.5	11.6	8.5	-7.8	438.7	339.9	99.9	99.9	68.7	106.0
75.4	198.3	20073.1	50.0	-60.0	99.9	25.9	5.4	-5.4	-0.4	502.0	339.9	99.9	99.9	68.3	107.0
88.6	187.3	25010.0	25.0	-51.9	99.9	254.8	3.5	3.4	0.9	635.4	339.9	99.9	99.9	67.5	137.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

6 MAY 1975  
1500 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRLS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.1	6.3	79.0	999.0	25.5	19.4	170.7	2.6	-0.9	2.4	306.7	318.8	14.4	69.0	9.1	999.9
0.5	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	8.3	203.1	675.0	23.9	17.6	173.3	6.3	-0.7	6.3	331.0	330.1	13.2	67.9	0.3	356.0
1.5	10.5	520.1	556.0	21.5	17.3	173.4	6.2	-0.7	6.2	307.8	335.4	13.0	75.7	0.6	354.0
2.4	13.3	750.0	925.0	19.1	17.3	175.5	5.7	0.5	5.7	306.7	336.8	13.0	69.2	3.9	355.0
3.3	15.4	500.7	600.0	17.1	16.1	172.4	7.2	3.2	6.5	303.9	335.4	12.4	93.7	1.2	1.0
4.2	17.9	1227.1	875.0	15.5	14.4	170.6	10.6	6.0	8.9	315.9	333.9	12.1	94.1	1.7	9.0
5.1	21.3	1474.1	850.0	16.0	12.5	210.6	12.3	6.1	10.4	315.0	334.5	10.8	76.7	2.3	17.0
6.2	22.7	1721.6	825.0	15.1	9.8	198.9	12.5	4.3	11.4	305.8	331.6	9.3	70.7	3.3	18.0
7.2	25.3	1948.7	800.0	13.2	6.7	161.5	12.4	2.5	12.1	306.3	328.1	7.8	64.8	3.8	16.0
8.1	27.8	2255.7	775.0	11.9	5.4	168.1	12.7	1.8	12.6	307.6	328.2	7.3	64.0	4.6	16.0
9.2	30.6	2625.7	750.0	10.1	5.7	192.0	10.7	2.2	10.3	308.5	330.3	7.7	74.2	5.3	15.0
10.1	33.3	2811.5	725.0	8.1	4.1	202.5	9.4	3.2	8.4	306.6	331.1	7.4	79.1	5.8	15.0
11.0	36.0	3101.5	700.0	7.1	2.9	212.6	9.3	5.2	6.1	311.2	330.7	6.8	75.0	6.3	16.0
11.8	38.8	3411.1	675.0	4.8	2.2	214.7	9.3	0.5	6.6	311.4	331.2	6.7	63.4	6.8	18.0
12.3	41.5	3717.2	650.0	2.2	1.2	212.4	8.4	6.7	5.1	312.3	331.1	6.5	92.8	7.2	22.0
14.3	44.6	4121.2	625.0	0.0	-3.9	226.1	7.9	5.7	5.5	313.5	325.7	4.6	74.8	7.7	22.0
15.1	47.3	4341.9	600.0	-2.6	-9.3	226.5	9.1	6.9	5.9	313.5	323.1	3.2	79.8	4.2	24.0
16.2	50.7	4685.2	575.0	-5.1	-10.1	240.4	8.8	7.6	4.3	314.3	320.2	1.9	41.6	8.8	26.0
17.5	54.0	5074.7	550.0	-7.5	-12.7	254.2	8.2	6.0	1.7	317.5	318.5	0.3	5.8	9.2	26.0
18.4	57.1	5327.1	525.0	-7.9	-10.3	266.0	7.4	7.7	1.9	318.9	315.8	0.2	6.1	9.5	30.0
20.0	60.6	5748.6	500.0	-10.4	-10.3	288.0	9.7	3.4	1.7	319.4	321.2	0.2	6.4	9.9	30.0
21.7	64.1	6167.2	475.0	-13.3	-12.5	315.7	11.1	1.9	3.0	319.7	322.2	0.2	6.8	10.5	30.0
22.4	67.7	6570.4	450.0	-16.0	-14.5	344.4	12.4	12.4	3.4	322.7	313.0	0.2	7.2	11.3	30.0
24.1	71.2	7111.1	425.0	-18.1	-16.1	373.1	13.5	15.5	4.1	323.1	323.7	0.1	7.7	12.5	43.0
25.9	75.0	7440.0	400.0	-21.7	-18.4	407.4	14.7	18.2	4.1	324.1	324.0	0.1	8.1	13.9	46.0
27.6	78.2	7817.5	375.0	-27.1	-23.0	442.5	15.1	20.9	2.8	325.0	326.0	0.1	8.6	15.6	53.0
29.3	82.3	8170.5	350.0	-31.1	-23.1	466.9	20.4	20.4	1.1	324.7	327.0	0.1	9.1	17.4	54.0
31.2	87.2	8432.5	325.0	-34.4	-25.5	487.7	16.1	18.7	-3.9	329.2	329.5	0.1	9.5	19.0	59.0
33.1	92.0	8680.7	300.0	-39.0	-27.5	509.1	14.5	24.4	-2.6	331.3	330.9	99.9	99.9	21.1	63.0
35.2	96.4	8977.1	275.0	-44.2	-29.9	471.3	24.6	24.6	-2.6	331.2	330.9	99.9	99.9	23.2	67.0
37.6	101.4	9279.6	250.0	-46.1	-24.1	444.9	24.1	24.1	1.0	333.0	330.9	99.9	99.9	27.1	66.0
40.2	107.1	9578.4	225.0	-54.0	-26.2	466.2	25.7	25.6	1.7	335.7	330.9	99.9	99.9	31.7	72.0
42.7	112.6	9840.5	200.0	-58.6	-29.9	489.2	24.2	24.2	0.3	341.0	330.9	99.9	99.9	34.3	73.0
45.9	118.4	10140.9	175.0	-60.7	-30.9	516.5	33.9	33.9	2.1	350.2	330.9	99.9	99.9	39.6	76.0
49.2	125.4	10326.0	150.0	-64.3	-30.9	547.4	37.1	37.0	1.4	359.4	330.9	99.9	99.9	46.1	77.0
53.0	132.3	10455.3	125.0	-62.7	-30.9	566.8	27.1	27.1	0.1	411.4	330.9	99.9	99.9	53.8	79.0
57.9	137.5	10424.1	100.0	-67.7	-30.9	585.4	14.9	14.4	-4.1	410.5	330.9	99.9	99.9	61.2	80.0
64.1	146.7	10211.2	75.0	-63.5	-30.9	598.5	11.2	9.9	-5.4	439.8	330.9	99.9	99.9	68.0	83.0
72.5	154.3	10227.2	50.0	-59.0	-30.9	613.1	5.1	-0.1	-5.1	504.6	330.9	99.9	99.9	66.0	83.0
84.4	161.5	10191.5	25.0	-49.6	-30.9	609.9	99.9	99.9	99.9	642.7	330.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY



STATION NO. 149  
MONETTE, MI

6 MAY 1975  
152 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	PEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTD GM/KG	RH CT	RANGE KM	AZ DG
0.0	8.7	438.0	956.0	26.4	19.3	190.0	5.2	0.9	5.1	305.5	145.4	14.9	65.0	0.2	0
00.9	90.9	409.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	990
00.9	90.9	409.9	955.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	990
0.2	9.3	462.8	950.0	26.1	19.7	210.6	11.0	9.6	9.5	305.6	99.9	99.9	99.9	999.9	990
0.9	11.3	725.0	925.0	22.6	17.7	215.4	10.0	5.4	8.4	304.2	340.1	13.4	70.9	0.5	25
1.6	13.6	915.2	905.0	20.2	16.2	218.9	9.5	5.9	7.4	304.1	339.4	13.1	78.0	1.0	33
2.7	15.8	1258.5	875.0	18.9	14.3	224.5	8.6	6.2	5.9	303.2	341.9	13.5	85.1	1.5	34
3.7	18.2	1458.2	850.0	16.3	12.9	223.7	9.9	6.9	7.2	303.7	335.0	13.1	80.4	2.0	34
4.6	20.5	1712.4	825.0	14.8	11.4	221.8	5.5	6.3	7.1	303.7	334.2	10.4	80.4	2.0	34
5.4	22.8	1922.6	800.0	12.7	9.8	217.1	10.6	6.4	8.5	304.0	332.5	9.6	82.3	3.1	39
6.4	25.3	2219.2	775.0	11.1	8.3	215.1	10.1	5.1	8.8	303.8	328.1	7.6	70.7	3.7	38
7.4	27.5	2513.4	750.0	11.2	2.2	203.0	9.7	3.0	8.9	303.5	326.8	6.0	53.8	4.2	36
8.5	30.2	2798.2	725.0	10.0	-3.9	202.1	8.7	3.0	8.1	311.0	322.8	4.0	37.7	4.8	34
9.5	32.9	3087.0	700.0	8.0	-8.4	213.4	6.5	3.6	5.5	311.8	320.6	2.9	30.2	5.3	33
10.6	35.4	3386.1	675.0	5.7	-12.4	236.4	5.8	5.0	3.0	312.3	320.2	2.6	30.3	6.7	34
11.9	38.7	3692.9	650.0	2.7	-12.0	251.3	7.6	7.2	2.4	312.3	316.5	2.3	32.8	6.9	37
13.0	40.7	4008.5	625.0	1.3	-14.1	248.7	9.9	9.2	3.6	314.2	310.6	2.1	30.7	6.6	40
14.2	43.4	4336.4	600.0	-1.4	-16.4	249.0	9.7	9.1	3.4	314.6	323.1	1.7	29.9	7.2	42
15.4	46.4	4673.6	575.0	-4.5	-19.4	248.7	11.4	10.1	5.2	314.9	319.5	1.4	30.0	7.9	45
16.6	49.3	5028.1	550.0	-7.1	-21.9	236.5	12.6	10.5	6.9	315.8	319.7	1.2	29.5	8.7	46
17.8	52.1	5383.2	525.0	-8.7	-25.2	237.0	14.1	11.8	7.7	315.0	321.1	0.9	24.9	9.7	47
19.1	55.2	5740.4	500.0	-10.6	-26.7	232.4	14.4	11.4	8.8	323.2	323.1	0.9	24.9	12.8	48
20.5	58.3	6152.7	475.0	-14.0	-29.0	230.5	13.3	11.8	9.8	320.7	323.2	0.7	26.7	12.1	48
21.9	61.6	6567.5	450.0	-17.1	-31.5	236.5	14.9	15.7	10.4	321.8	323.9	0.6	26.8	13.4	49
23.4	65.1	6984.7	425.0	-20.1	-34.1	237.4	20.5	17.2	11.0	323.3	324.0	0.5	25.3	15.2	50
24.9	68.4	7427.9	400.0	-23.9	-36.0	234.3	19.9	16.2	11.6	324.3	325.3	0.4	25.4	17.0	50
26.4	71.9	7810.8	375.0	-27.2	-40.9	230.5	18.4	14.2	11.7	325.6	325.6	0.3	25.6	18.8	51
28.0	75.8	8393.5	350.0	-31.4	-44.6	230.7	17.8	13.7	11.3	325.3	325.3	0.2	25.7	20.5	51
29.4	79.4	8913.2	325.0	-34.6	-47.3	243.3	16.2	14.4	7.3	328.9	329.5	0.2	25.8	22.3	51
31.6	83.8	9463.1	300.0	-37.4	-51.5	255.7	17.9	17.4	4.4	329.6	330.2	0.1	26.0	24.1	52
33.6	88.0	10058.3	275.0	-44.4	-59.7	256.1	18.5	18.9	4.7	330.9	330.9	0.1	26.0	26.1	55
35.8	92.7	10691.0	250.0	-48.8	-69.9	248.1	21.1	21.1	9.3	333.5	333.5	0.1	26.0	28.6	56
37.8	97.4	11376.8	225.0	-53.0	-69.9	246.0	22.9	25.9	6.3	337.3	337.3	0.1	26.0	31.6	57
40.1	102.5	12126.3	200.0	-57.6	-69.9	246.2	21.9	19.0	10.9	341.5	341.5	0.1	26.0	34.7	58
42.7	108.3	12958.6	175.0	-62.6	-69.9	254.8	24.7	23.6	7.3	346.6	346.6	0.1	26.0	38.5	58
45.5	114.5	13607.5	150.0	-62.7	-69.9	248.9	23.8	22.3	6.2	352.1	352.1	0.1	26.0	42.4	59
48.4	121.5	15328.3	125.0	-64.2	-69.9	257.3	21.5	21.0	4.7	378.8	378.8	0.1	26.0	46.6	61
53.2	126.7	16423.5	100.0	-58.8	-69.9	272.0	17.4	17.4	-0.6	418.0	418.0	0.1	26.0	51.6	63
58.3	138.5	18222.0	75.0	-60.7	-69.9	99.9	99.9	99.9	99.9	445.6	445.6	0.1	26.0	99.9	990
68.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	990
90.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	990

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353  
OKLAHOMA CITY, OKLA

6 MAY 1975  
1800 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	NIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PWT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	392.1	960.2	26.1	12.9	250.0	5.2	4.9	1.4	304.1	331.0	9.8	44.0	0.0	0.0
00.0	90.4	92.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
00.0	99.9	59.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
0.3	10.1	495.8	950.0	23.8	11.9	279.2	12.3	12.2	-2.0	302.6	327.8	9.2	47.2	3.1	63.0
1.2	12.1	719.5	925.0	22.2	11.8	272.5	9.4	9.4	-1.2	303.1	325.2	9.5	51.9	0.6	92.0
1.9	14.3	940.2	900.0	20.4	11.6	278.7	8.3	8.2	-1.3	303.8	330.1	9.6	56.9	0.9	99.0
2.5	17.3	1158.6	875.0	17.4	9.9	270.7	7.5	7.5	-0.1	303.0	327.2	9.0	61.6	1.2	95.0
3.3	17.6	1445.4	850.0	14.7	9.7	263.2	5.9	5.8	0.7	303.8	327.2	9.0	72.0	1.5	95.0
4.1	21.9	1637.4	825.0	13.1	-0.1	267.7	7.9	7.9	6.4	303.1	316.6	4.8	41.5	1.8	92.0
4.9	23.1	1955.8	800.0	12.2	-4.4	266.1	10.5	10.5	0.7	304.6	314.7	3.4	36.9	2.3	91.0
5.8	25.3	2220.9	775.0	10.3	-5.1	262.0	9.2	8.7	2.8	305.4	315.3	3.4	33.4	2.8	89.0
6.6	27.9	2433.2	750.0	9.4	-5.7	256.2	9.0	7.5	5.0	307.3	317.1	3.3	33.7	3.2	85.0
7.5	30.3	2723.6	725.0	7.7	-7.6	250.3	11.4	8.8	7.3	308.3	317.3	3.0	32.8	3.6	81.0
8.4	32.9	3061.6	700.0	5.3	-10.7	255.7	14.3	10.9	9.2	308.7	316.4	2.6	32.0	4.2	76.0
9.4	35.4	3359.0	675.0	3.8	-11.0	250.0	15.4	9.0	11.8	310.3	317.7	2.5	32.9	5.1	71.0
10.3	38.0	3637.0	650.0	1.1	-10.9	258.7	16.0	7.7	14.1	312.5	318.3	2.6	40.3	5.7	66.0
11.3	40.6	3977.5	625.0	-0.9	-0.6	254.2	20.6	8.7	18.6	311.9	323.1	3.8	65.7	6.6	60.0
12.3	43.4	4326.7	600.0	-2.6	-11.9	257.3	25.3	10.8	22.8	313.5	321.4	2.6	44.8	7.9	54.0
13.4	46.4	4639.8	575.0	-5.2	-15.5	257.4	26.6	12.4	23.5	314.2	320.4	2.0	43.8	9.4	45.0
14.6	49.4	4946.4	550.0	-8.0	-17.0	254.4	29.3	16.6	24.2	314.6	320.6	1.8	46.2	11.3	46.0
15.7	52.3	5245.4	525.0	-11.4	-22.1	257.9	30.0	18.4	23.7	314.8	318.8	1.2	40.5	13.2	44.0
16.9	55.4	5717.6	500.0	-14.2	-28.9	257.4	29.2	17.7	23.2	315.7	318.1	0.7	27.7	15.3	44.0
18.0	58.6	6106.8	475.0	-14.6	-32.5	254.0	27.3	15.3	22.6	319.8	324.3	0.5	20.0	17.2	43.0
19.3	62.1	6513.7	450.0	-17.9	-35.1	255.4	25.7	14.9	21.0	320.8	324.3	0.4	20.2	19.1	42.0
20.5	65.5	6934.5	425.0	-21.6	-37.6	255.3	28.4	17.2	21.5	321.3	322.5	0.3	21.8	21.2	41.0
22.7	69.1	7391.5	400.0	-25.9	-41.2	255.5	24.3	14.1	15.8	321.2	322.2	0.3	22.3	23.3	41.0
23.5	72.8	7844.7	375.0	-29.9	-44.0	252.9	24.0	14.3	17.6	321.9	322.0	0.2	22.3	25.6	41.0
25.1	76.2	8334.0	350.0	-32.5	-46.9	252.7	28.4	21.0	16.0	324.8	325.4	0.2	22.4	27.9	41.0
26.9	80.6	8844.1	325.0	-36.6	-50.2	245.1	27.0	24.5	11.3	326.2	326.6	0.1	22.7	30.6	43.0
28.6	85.3	9401.7	300.0	-41.1	-59.0	246.5	34.2	31.4	13.7	327.5	326.9	0.9	99.9	33.7	45.0
31.7	89.8	9987.8	275.0	-45.4	-69.9	244.7	35.4	32.0	15.1	329.5	326.5	99.9	99.9	37.7	47.0
32.8	94.4	10617.1	250.0	-50.2	-79.9	243.6	46.0	35.8	17.7	331.4	326.5	99.9	99.9	42.1	49.0
35.2	100.7	11290.3	225.0	-53.0	-90.0	243.8	38.3	34.4	16.9	335.9	326.9	99.9	99.9	47.8	51.0
38.7	105.5	12045.2	200.0	-57.7	-99.9	241.6	48.3	34.9	21.1	341.5	326.9	99.9	99.9	54.9	53.0
40.9	111.3	12886.7	175.0	-59.4	-99.9	248.9	27.9	26.0	10.0	351.9	326.9	99.9	99.9	62.7	54.0
49.9	99.9	99.9	150.0	94.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
50.0	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
50.0	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
50.0	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
50.0	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9
50.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 MAY 1975  
1715 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	10.5	1055.0	882.9	17.1	-5.4	267.3	11.8	11.6	4.0	311.2	310.6	2.9	21.0	150	12.0
00.0	59.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	59.9	59.9	975.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	59.9	59.9	950.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	59.9	59.9	925.0	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	59.9	59.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	15.2	1171.2	875.3	18.3	-2.8	268.1	13.9	13.8	1.4	294.1	309.2	3.6	30.6	6.5	8.1
1.1	17.2	1144.2	850.0	11.2	-5.5	268.6	1.4	13.2	1.9	298.3	306.9	3.0	30.6	1.7	8.4
1.8	15.5	1012.3	825.0	8.6	-7.7	252.3	13.6	12.9	4.1	298.1	305.6	2.6	30.6	1.5	8.2
2.6	21.9	1915.7	803.0	6.6	-9.6	247.0	18.0	16.6	7.0	298.5	305.2	2.3	30.4	2.2	7.7
3.5	28.2	2172.1	775.0	4.6	-11.7	243.8	21.8	19.6	9.6	299.3	304.9	2.0	29.3	3.2	7.4
4.1	28.1	2441.4	750.0	3.3	-13.6	243.6	22.4	21.9	7.8	300.4	305.7	1.8	27.6	4.1	7.2
4.9	28.9	2715.6	725.0	1.9	-14.9	258.1	21.1	22.6	4.8	301.7	306.7	1.7	27.6	5.1	7.3
5.5	31.1	2677.4	700.0	0.3	-16.2	254.2	27.5	26.4	7.5	303.7	307.7	1.5	27.6	6.2	7.3
6.5	31.7	3242.5	675.0	0.6	-16.3	247.4	25.9	23.9	10.3	306.5	311.4	1.6	26.7	7.5	7.3
7.3	36.1	3431.4	650.0	-1.2	-18.5	243.9	27.4	25.2	12.9	307.8	312.1	1.4	25.4	8.9	7.2
8.2	36.8	3113.6	625.0	-1.5	-18.6	216.4	28.6	27.8	15.9	310.9	315.3	1.4	25.4	10.4	7.0
9.1	41.3	4228.5	600.0	-2.4	-19.5	230.3	28.9	27.2	18.4	313.5	317.9	1.4	25.4	11.9	6.8
10.1	44.1	4561.7	575.0	-4.8	-21.5	226.1	29.1	26.9	20.2	314.5	318.3	1.2	25.5	13.5	6.5
11.5	47.1	4812.7	550.0	-7.2	-23.6	222.9	28.5	19.4	20.5	315.7	319.1	1.0	25.6	15.7	6.2
13.1	53.1	4273.3	525.0	-12.0	-26.0	222.8	27.9	18.9	20.5	316.4	319.3	0.9	25.6	18.2	5.9
14.4	47.0	4177.7	500.0	-12.7	-26.2	221.4	26.8	19.7	22.1	317.6	320.1	0.7	25.7	20.6	5.7
15.7	50.2	6116.9	475.0	-15.6	-30.7	222.4	28.4	19.4	21.0	318.7	320.8	0.6	25.8	22.7	5.6
16.8	58.3	6443.1	450.0	-18.2	-32.2	222.7	31.3	21.3	23.3	319.3	322.3	0.6	26.0	24.5	5.5
17.9	62.7	6807.5	425.0	-21.1	-34.7	224.6	31.9	22.4	22.8	321.9	323.5	0.5	28.1	26.6	5.4
19.1	66.3	7211.1	400.0	-24.3	-36.9	231.6	31.3	24.6	19.5	323.4	324.9	0.4	29.7	28.9	5.3
20	69.7	7773.1	375.0	-28.4	-42.5	233.2	36.5	29.2	21.9	323.9	325.0	0.3	30.1	31.8	5.3
2	72.3	8277.3	350.0	-32.0	-43.6	233.8	27.1	21.0	17.1	325.5	326.4	0.2	30.1	35.1	5.3
21	77.5	8744.8	325.0	-36.4	-47.3	236.7	25.9	21.1	15.0	326.4	327.0	0.2	31.1	37.5	5.2
25	81.0	9117.2	300.0	-41.7	-51.9	238.7	24.3	25.0	15.2	326.7	327.9	0.9	99.9	40.3	5.4
27.4	85.8	9322.1	275.0	-46.4	-54.9	238.1	35.6	29.5	16.8	328.1	329.9	0.9	99.9	44.5	5.4
29.4	89.6	10249.9	250.0	-50.8	-59.0	237.1	32.9	27.6	17.9	330.6	332.7	0.9	99.9	43.4	5.4
31.5	93.7	11223.2	225.0	-54.7	-63.3	236.9	40.6	35.2	20.4	334.2	336.9	0.9	99.9	52.4	5.4
31.9	101.0	11575.3	200.0	-58.2	-68.9	237.0	36.8	30.9	21.0	343.7	344.9	0.9	99.9	58.4	5.5
34.2	107.0	12427.3	175.0	-55.6	-68.9	237.4	32.5	27.4	17.5	358.2	364.9	0.9	99.9	63.3	5.5
39.0	114.9	13478.2	150.0	-55.2	-68.9	245.9	20.7	18.5	8.3	375.1	381.9	0.9	99.9	67.9	5.6
42.2	121.0	14567.7	125.0	-57.3	-68.9	235.0	33.0	27.0	18.9	391.3	399.9	0.9	99.9	73.8	5.6
46.1	129.3	16207.6	100.0	-55.8	-68.9	245.1	9.1	3.1	0.8	420.0	420.0	0.9	99.9	77.6	5.7
51.1	138.3	18173.6	75.0	-62.4	-68.9	222.4	3.6	2.1	2.7	442.1	442.1	0.9	99.9	81.8	5.7
57.3	147.7	20764.0	50.0	-58.8	-68.9	328.1	9.0	-4.8	-7.7	504.9	504.9	0.9	99.9	82.5	5.8
67.4	159.3	25131.2	25.0	-51.1	-68.9	253.8	5.1	4.9	1.4	637.8	637.8	0.9	99.9	81.3	5.8

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

°° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 345  
ALBUQUERQUE, N MEX

6 MAY 1975

143 19.

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPD/C M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T LG K	E POT T DG K	MX RTD GM/KG	PH PCT	RANGE KM	AZ DG
0.1	21.2	1410.0	832.0	10.0	-11.3	250.0	5.1	4.9	1.0	248.7	334.4	1.9	21.0	1.0	1.0
0.9	56.9	950.0	1020.0	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	975.0	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	56.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	56.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	56.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.2	21.4	1684.7	825.0	7.0	-17.2	255.6	0.0	6.9	0.5	256.1	299.4	1.2	16.0	7.2	52.0
1.3	26.3	1639.9	800.0	3.9	-20.0	247.4	7.2	7.0	1.5	255.4	295.4	1.0	15.4	0.6	70.0
2.1	26.6	2150.8	775.0	1.8	-19.5	262.7	6.2	6.2	0.8	255.4	295.4	1.0	15.4	0.6	70.0
2.9	26.2	2455.8	750.0	-0.7	-19.7	276.1	7.3	7.2	-1.0	255.9	295.4	1.2	24.1	1.2	70.0
3.5	31.8	2733.4	725.0	-3.2	-18.6	250.5	7.5	7.0	-2.6	257.1	295.4	1.2	29.1	1.5	40.0
4.1	18.4	3035.8	700.0	-6.0	-18.1	254.7	6.7	5.9	-2.3	256.0	295.4	1.3	37.8	1.7	95.0
5.1	37.0	3288.0	675.0	-9.7	-19.0	262.7	7.0	5.9	-2.3	256.0	295.4	1.3	43.4	2.1	95.0
6.2	36.4	3579.9	650.0	-11.7	-19.3	261.3	6.9	4.7	-1.7	256.0	295.4	1.3	54.8	2.5	95.0
7.1	40.1	3774.0	625.0	-13.6	-20.2	272.2	14.4	4.7	-0.6	256.0	295.4	0.8	37.2	3.1	95.0
8.1	45.1	4114.3	600.0	-14.4	-20.9	265.6	21.2	3.1	1.6	256.0	295.4	0.3	13.2	6.2	41.0
9.5	48.3	4517.6	575.0	-16.0	-20.7	261.3	25.8	25.0	3.1	302.0	303.4	0.3	13.2	6.2	41.0
11.3	41.1	4944.2	550.0	-18.1	-19.7	257.5	24.0	26.2	4.3	307.1	307.4	0.2	9.4	9.0	47.0
12.4	40.4	4152.0	525.0	-19.0	-21.2	255.6	33.0	31.4	6.2	310.4	311.0	0.2	9.4	11.1	80.0
13.0	57.4	5344.2	500.0	-19.7	-21.0	240.7	30.8	36.0	12.0	311.0	312.0	0.2	9.4	13.4	83.0
14.0	45.1	6344.0	475.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	450.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	425.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	400.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	375.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	350.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	325.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	300.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	275.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	250.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	225.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	200.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	175.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	150.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	125.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	100.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	75.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	50.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0
14.0	45.1	6344.0	25.0	-20.3	-21.5	240.7	30.8	36.0	13.0	311.0	314.0	0.2	9.4	16.0	81.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL6 MAY 1975  
1800 GMT

TIME MIN	CNTCT	WFLIGHT GOW	PRES WB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
5.7	5.7	175.0	988.6	26.1	18.7	147.7	3.1	-2.0	2.4	307.0	357.0	13.3	61.0	3.0	0.
9.0	9.0	170.0	99.9	26.1	18.7	99.9	99.9	0.0	4.9	307.0	307.0	99.9	99.9	99.9	99.9
9.5	6.1	287.0	975.0	24.4	18.0	148.8	4.3	-2.5	2.5	301.4	338.5	12.3	61.8	0.1	322.
1.3	6.4	528.4	950.0	22.5	15.8	149.2	3.6	-1.9	3.1	301.7	333.8	12.0	69.7	0.3	324.
2.1	11.3	755.2	925.0	20.3	16.3	157.1	4.7	-2.4	4.1	301.6	335.9	12.7	77.7	0.5	328.
2.9	13.6	992.8	900.0	18.4	15.6	136.2	5.7	-3.7	4.3	302.1	333.6	11.7	78.2	3.7	326.
3.8	12.9	1234.1	875.0	16.8	11.6	141.6	7.4	-4.7	6.3	302.5	329.4	9.9	71.5	1.1	324.
4.5	18.1	1443.6	850.0	14.6	9.8	142.7	8.3	-4.8	6.4	302.6	327.3	9.0	73.0	1.4	324.
5.4	20.5	1723.1	825.0	12.7	9.2	147.9	7.9	-4.2	6.7	303.1	328.3	8.1	73.9	1.9	324.
6.1	22.9	1923.8	800.0	10.9	4.5	148.4	7.5	-3.0	6.4	303.6	324.1	6.6	64.7	2.3	325.
7.3	25.1	2245.1	775.0	8.8	5.2	175.4	5.5	-1.4	5.3	304.3	324.4	7.2	78.2	2.5	327.
8.9	21.4	2575.9	750.0	6.8	4.4	156.2	3.7	1.2	3.5	304.9	324.6	7.1	99.0	2.8	330.
8.9	23.4	2848.4	725.0	5.6	4.4	228.6	5.1	3.6	3.4	306.4	322.4	5.0	71.4	2.8	333.
9.7	32.1	3090.9	700.0	4.0	-1.8	246.9	6.0	5.5	2.4	307.5	321.4	4.8	65.4	2.9	340.
10.7	35.7	3296.1	675.0	2.3	-11.0	270.7	5.1	5.1	-1.1	308.6	318.3	2.6	38.1	2.9	346.
11.5	38.4	3698.9	650.0	0.4	-15.5	296.3	5.3	4.7	-2.3	309.6	315.1	1.6	25.3	2.9	357.
12.4	41.3	4002.1	625.0	-1.7	-16.7	316.0	5.9	5.3	-4.4	310.7	313.9	1.7	30.7	2.6	356.
13.1	43.3	4328.4	600.0	-4.5	-17.1	306.2	8.2	6.1	-4.6	311.1	310.1	1.7	30.6	2.3	2.
14.3	46.9	4665.1	575.0	-7.3	-18.3	298.5	11.4	10.3	-4.7	311.6	310.4	2.2	37.3	2.1	16.
15.1	50.7	5005.3	550.0	-9.2	-20.6	287.3	13.3	12.9	-2.9	313.2	310.6	1.7	29.8	2.1	34.
16.2	52.7	5364.2	525.0	-10.4	-31.3	201.6	13.1	12.9	-2.6	315.5	317.7	0.5	16.0	2.6	52.
17.4	54.9	5719.3	500.0	-11.0	-34.6	270.2	16.5	16.3	-2.6	319.0	321.0	0.6	18.9	3.3	66.
18.0	56.1	6113.6	475.0	-13.9	-35.4	277.1	17.1	17.0	-2.3	321.8	320.6	0.5	19.1	4.8	70.
20.4	62.6	6538.2	450.0	-17.0	-33.9	240.3	17.2	16.9	-2.1	321.6	323.4	0.4	19.4	6.1	41.
21.6	64.9	6965.7	425.0	-21.4	-27.6	285.2	17.2	16.6	-2.5	322.8	324.1	0.3	19.6	7.3	65.
22.5	65.4	7411.3	400.0	-24.8	-40.4	287.6	17.6	16.7	-2.3	324.0	325.0	0.3	19.9	8.5	88.
24.1	73.0	7874.3	375.0	-27.4	-43.3	281.8	19.8	16.7	-2.3	325.3	326.1	0.2	20.1	9.9	90.
24.4	76.9	8271.9	350.0	-31.6	-36.5	286.9	20.6	16.9	-2.0	326.1	327.3	0.3	45.8	11.5	54.
27.2	80.9	8992.6	325.0	-35.4	-41.2	285.5	23.4	22.8	-2.3	327.9	329.0	0.3	54.6	13.8	95.
29.1	85.3	9445.3	300.0	-39.5	-45.6	279.2	25.2	24.8	-2.0	329.6	330.4	0.2	51.7	16.5	96.
31.1	86.5	10133.5	275.0	-43.4	-49.9	269.9	26.0	25.0	0.1	332.3	332.9	0.9	59.9	19.6	96.
32.9	94.0	10669.6	250.0	-46.2	-49.9	272.7	25.4	25.4	-1.2	332.9	332.9	0.9	59.9	22.3	95.
34.8	90.3	11351.4	225.0	-55.4	-49.9	275.1	22.8	22.7	-2.1	333.6	333.6	0.9	59.9	25.2	95.
37.0	100.2	12092.5	200.0	-61.4	-49.9	268.3	22.6	22.6	0.7	335.6	335.6	0.9	59.9	28.1	95.
39.5	110.1	12912.4	175.0	-66.6	-49.9	267.9	24.3	24.3	0.9	340.1	340.1	0.9	59.9	31.6	94.
42.8	116.7	13842.1	150.0	-67.6	-49.9	260.5	25.9	25.4	-0.7	353.6	353.6	0.9	59.9	36.7	94.
46.5	123.3	14558.7	125.0	-60.7	-49.9	302.5	20.2	17.0	-1.6	385.1	385.1	0.9	59.9	42.1	97.
51.1	131.0	16361.4	100.0	-56.7	-49.9	293.4	14.7	13.5	-1.8	418.1	418.1	0.9	59.9	46.4	98.
57.4	139.7	19172.9	75.0	-58.4	-49.9	314.4	8.1	4.3	-2.3	450.5	450.5	0.9	59.9	53.6	99.
65.0	149.0	23716.5	50.0	-57.9	-49.9	125.2	1.8	-1.5	1.1	507.0	507.0	0.9	59.9	52.0	131.
76.9	159.5	25172.7	25.0	-49.5	-49.9	999.9	99.9	99.9	99.9	642.7	999.9	99.9	99.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

6 MAY 1975  
1715 GMT

100 300 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR CU	SPEED M/SEC	U COMP M/SEC	V CCFP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
00	12.0	701.0	913.4	18.9	-5.2	220.11	9.3	6.6	7.1	306.1	308.3	2.8	19.0	6.0	70
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 4 DEG

STATION NO. 456  
 TOPEKA, KAN

 6 MAY 1975  
 1715 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	268.0	972.1	27.2	20.3	170.0	7.7	-1.3	7.6	304.9	346.4	15.4	65.0	3.3	0.
00.0	53.6	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	8.7	472.4	950.2	23.2	17.1	186.8	12.1	1.4	12.0	302.5	337.5	13.1	68.8	6.6	6.
1.0	10.6	702.9	925.0	21.0	15.9	182.6	13.3	2.0	13.1	302.9	337.2	12.9	73.6	1.4	6.
2.8	12.7	915.9	900.0	19.1	15.9	201.1	14.7	5.3	13.7	302.9	337.2	12.7	81.5	2.1	9.
3.5	14.8	1142.1	875.0	17.3	14.4	207.6	16.6	7.7	14.7	303.4	335.6	11.9	83.7	2.9	13.
4.3	16.9	1429.9	850.0	15.7	13.4	211.5	14.6	7.6	12.5	304.1	334.3	11.5	86.5	3.6	17.
5.2	19.1	1683.1	825.0	13.7	11.9	208.1	15.1	7.1	12.3	304.5	333.6	10.7	86.7	4.3	19.
6.1	21.1	1942.4	800.0	11.8	10.6	207.1	16.2	7.4	14.4	305.1	332.9	10.1	92.3	5.2	22.
7.1	23.4	2278.1	775.0	11.2	9.4	214.9	14.4	8.3	11.8	306.5	321.2	9.1	47.9	6.1	23.
8.2	25.6	2482.5	750.0	11.3	-6.1	209.1	15.0	7.7	13.8	306.3	319.1	8.3	29.2	7.0	24.
9.3	27.9	2764.4	725.0	9.6	-14.3	200.6	16.1	5.7	15.0	310.2	315.7	1.8	17.4	8.1	24.
10.4	30.4	3054.2	700.0	7.3	-14.9	196.3	16.4	4.6	15.7	310.8	316.1	1.7	18.9	9.2	23.
11.7	32.9	3351.7	675.0	4.6	-17.2	144.3	17.0	4.2	14.5	311.0	315.6	1.5	18.8	10.4	22.
13.1	35.5	3657.7	650.0	2.1	-18.2	199.2	18.3	6.0	17.2	311.5	315.9	1.4	20.6	11.9	21.
14.4	38.1	3972.5	625.0	-0.5	-18.9	207.7	18.0	8.4	15.9	312.0	316.4	1.4	23.2	13.3	21.
15.9	40.6	4267.4	600.0	-3.3	-19.4	218.4	16.1	10.0	12.6	312.4	316.8	1.4	27.5	14.7	23.
17.2	43.3	4632.1	575.0	-6.4	-19.8	225.8	19.6	14.0	13.6	312.6	317.4	1.5	34.8	16.0	24.
18.5	46.2	4977.9	550.0	-8.6	-27.8	218.2	14.3	11.9	15.1	313.9	316.2	0.7	15.5	17.7	26.
19.5	49.2	5374.3	525.0	-10.9	-33.1	200.1	16.1	8.5	15.1	315.3	316.9	0.4	13.9	19.0	26.
21.4	52.0	5704.6	500.0	-14.3	-36.8	205.4	14.7	6.7	16.9	315.6	316.7	0.3	12.8	20.6	26.
23.0	55.2	6039.3	475.0	-15.1	-39.5	210.9	18.9	12.1	14.5	319.2	320.2	0.3	10.3	22.5	26.
24.6	58.3	6515.2	450.0	-16.6	-40.3	219.0	20.8	13.3	15.9	319.8	320.7	0.2	12.7	24.1	28.
26.4	61.7	6984.5	425.0	-22.1	-42.9	222.0	21.2	14.2	15.7	320.6	321.3	0.2	3.0	26.4	29.
28.1	65.3	7373.0	400.0	-27.9	-45.6	218.3	21.8	13.5	17.1	323.5	324.5	0.2	11.3	28.7	30.
29.7	68.7	7841.3	375.0	-27.3	-48.7	213.7	17.6	9.8	14.6	325.4	325.9	0.1	10.8	30.6	30.
31.8	72.5	8334.0	350.0	-31.5	-50.7	211.5	20.2	10.6	17.2	326.2	326.6	0.1	12.9	32.8	30.
33.8	76.5	8853.7	325.0	-36.1	-54.2	216.3	16.1	9.5	13.0	326.9	327.1	0.1	13.3	35.0	30.
35.3	80.6	9404.8	300.0	-43.2	-59.9	208.2	18.2	8.6	14.1	328.7	328.9	0.1	99.9	37.2	31.
38.3	85.2	9991.5	275.0	-45.5	-59.9	197.2	15.7	4.6	15.0	329.3	329.4	0.1	99.9	39.5	31.
40.7	89.4	11419.5	250.0	-50.8	-59.9	194.2	16.3	4.0	15.8	330.5	330.9	0.1	99.9	42.0	29.
43.2	94.2	11684.1	225.0	-55.4	-59.9	200.1	17.6	6.0	16.5	333.6	333.6	0.1	99.9	44.2	28.
45.9	100.4	12424.2	200.0	-59.2	-59.9	208.1	20.5	5.6	18.0	339.0	339.0	0.1	99.9	47.1	28.
49.0	107.3	12475.2	175.0	-60.6	-59.9	221.0	22.0	14.5	16.6	349.9	349.9	0.1	99.9	51.1	29.
52.3	113.7	13432.3	150.0	-62.2	-59.9	224.6	15.7	11.0	11.2	362.6	362.6	0.1	99.9	53.4	26.
56.2	121.3	14972.1	125.0	-57.7	-59.9	224.7	16.4	4.3	4.3	390.5	390.5	0.1	99.9	58.8	31.
60.8	130.3	16382.5	100.0	-55.8	-59.9	256.5	14.8	14.4	3.5	419.5	419.5	0.1	99.9	61.6	33.
66.7	140.7	18151.9	75.0	-59.8	-59.9	303.6	9.8	8.1	-5.4	447.6	447.6	0.1	99.9	64.8	36.
74.4	150.0	21743.2	50.0	-57.7	-59.9	307.4	5.1	4.1	-3.1	507.5	507.5	0.1	99.9	63.4	39.
79.8	161.3	31844.8	25.0	-50.5	-59.9	45.5	1.5	-1.1	-1.0	639.5	639.5	0.1	99.9	61.3	39.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 476  
GRAND JUNCTION, COLO

6 MAY 1975  
1716 GMT

TIME MIN	CNTCT	HEIGHT GEM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0		1476.0	845.0	5.6	-2.7	320.0	3.6	2.3	-2.8	241.3	3.342	3.7	55.0	6.0	1.0
00.0		96.0	1070.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
00.0		50.0	975.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
00.0		40.0	950.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
00.0		06.0	925.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
00.0		00.0	900.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
00.0		00.0	830.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
00.0		00.0	775.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
00.0		00.0	750.0	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9	09.9
0.5		1476.2	825.0	5.6	-6.4	308.2	5.7	5.6	-3.3	244.0	3.240	2.8	40.3	3.1	122.0
1.0		24.2	800.0	3.2	-7.6	303.1	4.8	4.8	-2.7	294.9	3.245	2.7	45.1	0.3	124.0
1.5		26.5	775.0	0.6	-6.7	285.9	4.1	4.1	-1.2	254.7	3.024	2.7	52.7	0.4	123.0
2.0		20.0	750.0	-1.9	-8.5	267.0	5.9	4.9	0.3	294.8	3.024	2.7	62.6	0.6	118.0
2.5		27.7	725.0	-4.4	-10.3	261.5	8.5	8.4	1.3	255.0	3.019	2.4	63.3	0.8	107.0
3.0		34.4	700.0	-6.9	-8.7	262.3	10.3	10.0	1.4	295.1	3.032	2.8	86.9	1.1	99.0
3.8		36.6	675.0	-10.0	-11.3	255.7	9.5	9.2	1.3	294.7	3.016	2.4	90.5	1.5	94.0
4.6		35.5	650.0	-12.3	-12.3	245.5	8.9	8.1	3.7	295.3	3.018	2.3	101.1	1.9	88.0
5.2		42.4	625.0	-13.9	-13.9	245.2	9.1	8.3	3.8	290.8	3.259	2.1	102.5	2.2	86.0
6.0		45.3	600.0	-17.4	-23.6	255.6	10.4	10.1	2.6	256.1	2.991	1.0	103.1	2.6	81.0
7.0		48.4	575.0	-19.9	-32.2	243.0	10.9	10.8	1.3	291.7	2.981	0.4	32.4	3.3	82.0
8.1		49.8	550.0	-22.4	-36.0	268.0	9.2	9.2	0.2	297.5	2.985	0.3	27.6	4.0	82.0
9.2		51.8	525.0	-24.9	-37.4	285.4	6.8	6.4	-2.1	258.5	2.995	0.3	30.1	4.5	86.0
10.1		53.1	500.0	-27.6	-36.9	281.0	5.5	5.1	-1.0	259.4	3.005	0.2	40.4	4.9	86.0
11.6		55.9	475.0	-30.9	-42.0	255.3	5.3	5.1	1.3	259.7	3.004	0.2	32.2	5.2	80.0
12.4		60.3	450.0	-37.4	-44.5	208.1	2.4	1.1	2.1	301.2	3.017	0.2	31.6	5.5	85.0
14.1		66.6	425.0	-38.5	-48.5	153.4	1.5	-0.7	1.3	302.2	3.027	0.1	34.3	5.5	81.0
15.3		71.0	400.0	-35.6	-49.9	72.0	2.8	-2.7	-0.8	303.5	2.999	0.0	99.9	5.4	83.0
16.4		75.0	375.0	-42.0	-59.9	18.9	1.7	-0.5	-1.6	306.0	2.999	0.0	99.9	5.2	84.0
18.2		75.1	350.0	-42.7	99.9	267.1	3.6	3.6	0.2	311.2	2.999	0.0	99.9	5.2	85.0
19.7		83.0	325.0	-40.9	00.9	266.1	9.9	9.9	0.6	320.3	2.999	0.0	99.9	5.9	85.0
21.4		87.2	300.0	-39.3	00.9	252.1	14.3	13.6	4.4	330.0	2.999	0.0	99.9	7.2	86.0
23.3		94.6	275.0	-38.8	00.9	233.7	15.4	12.7	9.4	339.0	2.999	0.0	99.9	8.8	86.0
25.2		102.9	250.0	-40.0	00.9	227.0	21.4	15.9	14.3	346.6	2.999	0.0	99.9	10.8	74.0
27.4		108.7	225.0	-41.3	00.9	236.0	21.5	17.4	12.0	355.2	2.999	0.0	99.9	13.8	70.0
30.4		117.5	200.0	-44.2	00.9	232.0	21.3	17.0	12.9	362.8	2.999	0.0	99.9	17.4	67.0
33.6		126.8	175.0	-48.6	00.9	233.6	22.1	17.8	13.1	369.7	2.999	0.0	99.9	21.3	64.0
37.2		136.0	150.0	-49.3	00.9	226.9	15.4	11.2	10.5	385.2	2.999	0.0	99.9	25.6	62.0
41.3		148.2	125.0	-49.9	00.9	252.3	7.5	7.1	2.3	404.6	2.999	0.0	99.9	28.5	61.0
46.0		156.8	100.0	-51.9	00.9	199.7	9.8	3.2	9.2	423.6	2.999	0.0	99.9	29.7	59.0
51.7		161.1	75.0	-53.9	00.9	157.7	7.6	-3.3	6.9	459.9	2.999	0.0	99.9	31.5	55.0
59.2		207.5	50.0	-55.6	00.9	308.7	2.5	2.0	-1.5	514.5	2.999	0.0	99.9	32.2	52.0
70.0		252.0	25.0	-51.6	00.9	60.5	2.7	-2.4	-1.4	636.6	2.999	0.0	99.9	31.2	52.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER6 MAY 1975  
1730 GMT

TIME MIN	CNTCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	RM PCY	RANGE KM	AZ DG
0.	6.1	197.0	992.9	22.0	18.8	130.7	4.1	-3.1	2.6	267.0	234.1	13.9	82.0	0.3	9
00.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	7.7	337.7	997.0	19.7	16.7	149.6	3.2	0.5	3.2	296.7	329.2	12.4	83.0	0.1	325
1.6	10.7	561.3	958.0	17.4	15.7	205.7	5.4	2.3	4.4	296.5	329.1	12.4	83.0	0.1	325
2.5	12.1	782.2	925.0	16.0	15.2	220.1	9.1	5.8	7.0	297.2	328.4	11.8	95.0	0.7	19
3.4	14.3	1022.6	905.0	15.2	14.7	226.6	9.8	5.8	7.8	296.7	329.3	11.5	94.1	1.2	27
4.3	16.4	1262.1	875.0	14.5	13.4	213.7	9.1	4.9	7.6	300.3	330.2	11.2	93.1	1.7	29
5.2	18.7	1537.3	850.0	12.8	11.6	214.9	9.5	5.4	7.9	300.9	329.4	10.2	92.4	2.2	31
6.2	21.0	1758.2	825.0	11.8	10.6	209.0	9.7	4.8	8.4	302.3	329.7	9.9	92.6	2.7	31
7.2	23.4	2015.8	800.0	10.1	8.6	212.6	10.0	5.4	8.4	303.0	327.2	8.9	90.4	3.4	31
8.1	25.7	2280.1	775.0	9.2	7.2	221.7	8.7	5.9	6.0	304.8	327.8	8.3	87.6	3.9	32
9.3	28.2	2551.5	750.0	7.3	5.3	228.5	9.5	7.1	6.3	305.5	326.4	7.5	86.9	4.4	34
10.3	30.8	2829.9	725.0	5.0	2.5	230.6	10.1	7.6	6.4	305.7	323.6	6.3	83.7	5.0	36
11.5	33.4	3115.9	700.0	3.6	-4.2	225.7	8.8	6.6	5.8	306.9	318.7	4.0	56.9	5.7	37
12.6	35.9	3411.2	675.0	1.5	-4.6	232.5	8.3	6.5	5.0	307.9	319.7	3.6	68.1	6.2	38
13.7	38.7	3712.9	650.0	-1.5	-6.6	241.2	6.1	5.4	2.9	307.7	318.3	3.6	68.1	6.7	40
14.8	41.3	4024.3	625.0	-3.5	-6.6	243.9	3.8	1.8	0.4	308.8	318.4	3.2	67.6	7.0	41
16.1	44.1	4335.0	600.0	-5.4	-16.5	295.3	5.4	4.9	-2.3	310.1	315.5	1.7	41.1	7.2	43
17.3	47.3	4678.9	575.0	-7.6	-17.4	246.7	7.2	6.9	-2.1	311.3	316.4	1.6	43.4	7.3	47
18.5	50.3	5023.1	550.0	-10.6	-25.0	278.9	9.1	9.0	-1.4	311.6	314.5	0.9	29.6	7.7	50
20.0	53.4	5379.4	525.0	-12.2	-33.4	275.3	10.5	10.4	-1.0	313.7	315.2	0.4	15.2	8.3	55
21.4	56.4	5752.3	500.0	-13.2	-34.1	272.5	11.3	11.2	1.5	317.0	318.5	0.4	15.2	9.1	58
22.7	59.9	6141.1	475.0	-15.7	-34.0	276.7	8.4	6.3	-1.3	318.5	319.8	0.4	15.5	9.8	60
24.1	63.3	6546.2	450.0	-18.9	-34.5	277.1	8.7	8.6	-1.1	319.5	320.6	0.3	15.7	10.3	63
25.7	66.7	6945.2	425.0	-22.0	-34.9	264.3	9.3	9.2	0.9	320.7	320.9	99.9	999.9	11.0	65
27.4	70.4	7411.9	400.0	-25.0	-34.9	274.4	12.0	12.0	-0.9	321.8	321.8	99.9	999.9	12.0	67
29.1	74.2	7877.6	375.0	-28.0	-34.9	282.4	16.5	16.2	-3.5	324.6	324.6	99.9	999.9	13.3	70
31.0	78.3	8349.5	350.0	-31.0	-34.9	279.4	19.9	19.6	-3.3	326.9	326.9	99.9	999.9	15.2	74
33.0	82.5	8891.2	325.0	-35.1	-34.9	280.1	20.6	19.8	-5.7	328.3	328.3	99.9	999.9	17.4	78
34.1	86.9	9441.3	300.0	-37.9	-34.9	284.4	21.1	21.9	-7.3	329.2	329.2	99.9	999.9	19.8	82
37.1	91.9	10322.7	275.0	-44.2	-34.9	255.1	28.3	25.7	-12.0	331.3	331.3	99.9	999.9	22.4	97
39.3	96.5	10665.0	250.0	-49.2	-34.9	270.9	30.9	30.9	-0.5	332.9	332.9	99.9	999.9	26.2	97
42.0	102.3	11345.2	225.0	-55.9	-34.9	267.3	31.1	31.1	1.5	332.9	332.9	99.9	999.9	31.4	87
44.8	108.3	12062.5	200.0	-62.9	-34.9	273.5	32.3	32.3	-1.9	333.2	333.2	99.9	999.9	36.9	86
47.5	114.5	12835.5	175.0	-67.1	-34.9	274.2	36.8	36.7	-2.7	339.3	339.3	99.9	999.9	42.6	88
50.5	121.7	13825.9	150.0	-66.8	-34.9	286.0	40.0	38.4	-11.0	355.0	355.0	99.9	999.9	49.5	90
54.1	129.7	14928.9	125.0	-66.5	-34.9	306.3	27.7	22.3	-16.4	374.6	374.6	99.9	999.9	55.7	94
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NC. 22002  
FT. SILL, OKLA

6 MAY 1975  
1900 GMT

TIME MIN	CNTCT	HEIGHT GFW	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.1	0.1	362.0	903.5	28.3	5.6	240.0	3.1	2.7	1.5	305.2	322.0	5.9	24.0	0.3	0.
0.3	0.3	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	0.5	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.6	1.2	496.4	950.0	25.1	6.1	242.0	5.3	4.7	2.5	303.5	321.0	6.3	29.7	0.1	119.
1.2	1.2	719.0	925.0	28.3	3.9	246.0	6.0	5.4	2.4	302.9	319.4	5.5	30.0	0.3	82.
1.7	1.7	99.9	900.0	28.1	2.8	244.0	6.3	6.1	1.7	302.9	317.6	5.2	31.8	0.3	77.
2.4	1.7	1157.6	875.0	17.6	1.5	242.9	5.5	5.5	0.7	302.8	316.6	4.9	33.7	0.7	78.
3.2	1.4	1444.5	852.0	15.5	1.1	271.0	4.7	4.7	-0.1	303.1	316.9	4.9	37.3	1.3	81.
4.1	21.7	1696.4	825.0	13.0	-0.1	265.3	5.9	5.9	0.1	302.9	315.9	4.6	40.1	1.2	83.
5.0	24.3	1954.3	800.0	12.1	-3.4	250.8	10.2	9.6	3.4	304.6	315.4	3.7	33.7	1.7	82.
6.1	26.7	2215.5	775.0	10.4	-3.1	245.4	14.4	11.3	5.1	305.4	315.3	3.4	33.2	2.4	77.
7.3	29.3	2491.1	750.0	8.0	-7.2	240.4	14.8	13.8	5.2	305.6	314.4	3.0	33.2	3.3	74.
8.3	32.0	2765.6	725.0	5.9	-8.6	230.1	17.3	16.3	5.9	306.3	314.5	2.7	34.2	4.4	74.
9.5	34.9	3050.2	700.0	4.4	-10.5	217.3	17.3	14.6	9.4	307.7	315.1	2.5	34.8	5.6	72.
10.6	37.4	3351.5	675.0	2.5	-11.1	222.3	17.2	11.6	12.7	308.8	316.2	2.4	35.8	6.8	68.
11.8	40.2	3615.6	650.0	0.7	-10.0	208.1	18.1	8.5	15.9	310.1	318.3	2.7	44.4	7.7	53.
13.1	43.0	3965.7	625.0	-1.0	-8.6	208.9	23.1	11.2	20.2	311.9	324.8	4.4	76.2	9.3	57.
14.4	46.1	4235.0	600.0	-2.5	-13.8	212.9	26.3	14.3	22.1	313.5	324.3	2.2	41.5	10.9	53.
15.6	49.1	4631.0	575.0	-5.5	-17.2	216.3	26.0	15.4	21.0	313.7	319.1	1.7	39.1	12.7	50.
16.8	52.1	4977.5	550.0	-8.3	-20.4	219.8	25.9	16.6	19.9	314.3	316.5	0.7	17.8	14.5	48.
18.0	55.3	5317.4	525.0	-10.3	-23.7	220.1	28.6	18.4	21.9	316.1	318.4	0.6	20.4	16.4	48.
19.2	58.6	5710.9	500.0	-13.5	-31.3	217.0	29.9	10.0	23.9	316.6	318.4	0.6	2.5	18.6	47.
20.6	62.0	6011	475.0	-15.9	-33.2	211.0	30.3	15.6	25.9	318.4	327.0	0.5	20.7	21.0	45.
22.0	65.4	6300	450.0	-18.6	-35.3	212.8	27.4	14.8	23.0	319.9	321.3	0.4	21.2	23.5	43.
23.5	69.7	6591	425.0	-22.0	-37.9	221.7	25.9	17.2	16.3	321.3	322.3	0.3	21.9	25.7	43.
25.0	72.7	6882	400.0	-25.9	-42.2	224.2	25.6	17.9	18.4	321.3	322.3	0.3	24.6	28.0	43.
26.5	76.7	7173.4	375.0	-29.8	-43.4	229.2	26.3	19.9	17.2	322.1	322.9	0.2	24.9	31.3	43.
28.2	80.8	7464.3	350.0	-33.0	-47.4	241.5	29.3	25.8	14.0	324.2	324.8	0.1	21.8	33.1	44.
30.1	85.1	7755.3	325.0	-36.9	-50.9	246.1	35.1	32.1	14.3	325.8	325.9	0.9	99.9	35.7	46.
31.9	89.5	8046.3	300.0	-40.7	-54.9	244.4	40.6	36.6	17.6	328.0	328.0	0.9	99.9	41.6	48.
33.9	94.4	8337.3	275.0	-44.9	-58.9	244.5	41.7	37.6	18.0	331.2	328.0	0.9	99.9	45.1	50.
35.9	99.3	8628.3	250.0	-49.1	-62.9	245.0	46.0	41.6	19.4	333.1	328.0	0.9	99.9	51.4	51.
38.0	104.5	8919.3	225.0	-53.9	-66.9	250.9	39.2	37.1	12.4	335.9	328.0	0.9	99.9	55.8	53.
40.2	110.3	9210.3	200.0	-58.2	-70.9	250.9	35.2	33.2	11.5	340.6	328.0	0.9	99.9	60.7	54.
42.9	116.3	9501.3	175.0	-59.1	-74.9	245.9	51.7	47.2	21.1	352.4	328.0	0.9	99.9	67.4	56.
45.7	123.3	9792.3	150.0	-58.4	-78.9	245.8	32.8	30.8	11.2	369.6	328.0	0.9	99.9	74.6	57.
48.1	130.3	10083.3	125.0	-60.4	-82.9	250.9	30.3	28.6	10.9	385.6	328.0	0.9	99.9	79.9	58.
50.6	137.3	10374.3	100.0	-62.0	-86.9	257.7	15.7	15.3	3.3	407.9	328.0	0.9	99.9	84.8	59.
52.3	143.7	10665.3	75.0	-63.5	-90.9	283.0	5.7	5.6	-1.3	439.5	328.0	0.9	99.9	88.4	60.
54.9	150.7	10956.3	50.0	-60.6	-92.9	33.1	3.7	-2.0	-3.1	500.8	328.0	0.9	99.9	98.2	60.
62.9	157.7	23653.8	25.0	-49.7	99.9	99.9	99.9	99.9	99.9	642.2	99.9	99.9	99.9	99.9	99.9
72.5	162.3	25094.9	25.0	-49.7	99.9	99.9	99.9	99.9	99.9	642.2	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 30 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

## Sounding Data

6 May 1975

2100 GMT

PRECEDING PAGE BLANK NOT FIL 4

STATION NO. 232  
BOOTHVILLE, LA

6 MAY 1975  
2015 GMT

TIME MIN	CNTCT	HEIGHT GFW	ORES MR	TEMP DG C	EW PR DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	ROT T DG K	F ROT DG K	WX RTU GM/KG	Q K	RANGE KM	AZ DG
0.1	5.3	1.0	100.5	27.8	24.0	16.1	6.7	-2.3	6.3	302.7	3.1	19.7	6.1	156	11.0
0.3	5.9	8.0	100.0	25.8	21.9	16.1	9.3	-3.2	6.7	301.2	3.5	16.8	7.3	156	11.0
1.4	8.1	37.0	975.0	23.5	21.7	16.1	11.5	-2.3	11.3	301.1	3.5	17.0	4.6	156	11.0
2.4	12.3	535.4	950.0	22.4	18.7	17.6	13.0	-0.6	12.7	301.9	3.4	14.5	9.6	156	11.0
3.1	12.5	757.5	925.0	20.9	16.7	17.6	17.9	-0.3	11.0	302.5	3.7	14.1	9.6	156	11.0
4.1	14.7	1014.8	925.0	20.6	13.0	20.2	7.9	3.0	7.4	304.2	3.3	11.1	76.9	2.1	35.1
5.1	16.9	1248.5	875.0	19.4	11.4	21.2	4.4	4.4	7.1	306.5	3.2	9.7	48.8	3.3	35.1
6.1	19.1	1452.5	825.0	18.0	6.2	19.2	7.7	1.7	7.6	306.0	3.2	7.0	45.8	3.7	35.1
7.4	21.3	1752.5	825.0	16.2	3.3	19.1	4.8	1.3	4.7	306.5	3.2	5.9	42.1	4.1	35.1
8.4	23.7	2113.6	800.0	14.9	2.2	23.8	4.0	4.0	2.4	307.8	3.2	5.6	42.4	4.3	35.1
9.6	25.9	2291.8	775.0	14.1	0.0	23.1	6.2	5.0	3.7	309.6	3.2	5.0	38.0	4.6	35.1
10.6	28.3	2537.8	750.0	12.6	-3.0	23.2	5.7	4.5	3.5	310.4	3.2	4.1	33.9	4.9	35.1
11.8	30.9	2841.7	725.0	11.4	-6.7	23.2	7.9	7.5	2.4	312.6	3.2	4.1	33.9	5.2	35.1
13.0	33.5	3136.7	700.0	9.9	-9.2	25.4	9.2	9.0	2.2	312.9	3.2	4.1	33.9	5.5	35.1
14.2	35.9	3434.0	675.0	6.9	-12.6	25.4	10.7	10.5	2.0	313.6	3.2	2.2	23.3	6.4	35.1
15.5	38.6	3742.9	650.0	4.9	-19.4	27.1	14.1	14.1	-0.4	314.6	3.2	1.2	14.6	6.5	35.1
16.7	41.1	4061.5	625.0	3.7	-21.5	27.9	17.2	17.0	-2.9	316.8	3.2	1.2	14.6	6.5	35.1
18.1	43.9	4390.9	600.0	1.0	-17.0	27.4	18.0	18.0	-1.4	317.4	3.2	1.7	24.6	7.0	35.1
19.4	46.9	4731.3	575.0	-1.9	-13.7	26.9	20.3	20.3	-1.4	319.0	3.2	2.3	40.2	7.1	35.1
21.7	49.8	5082.9	550.0	-5.0	-14.0	26.1	21.5	21.5	3.4	318.4	3.2	2.4	40.2	7.1	35.1
22.9	52.6	5446.6	525.0	-8.1	-13.4	26.5	23.1	23.1	1.7	319.0	3.2	2.6	65.4	7.1	35.1
23.8	55.5	5826.0	500.0	-11.2	-13.3	27.3	23.1	23.1	-1.2	319.7	3.2	2.3	71.6	7.1	35.1
25.3	58.3	6217.9	475.0	-10.9	-39.5	27.4	22.5	22.3	-3.3	324.4	3.2	0.3	7.3	16.6	72.0
26.8	61.2	6617.9	450.0	-13.6	-40.3	27.0	20.7	17.5	-2.9	326.1	3.2	0.2	7.3	16.6	72.0
28.4	64.2	7016.2	425.0	-16.4	-42.5	26.7	21.1	17.3	-6.1	327.8	3.2	0.2	7.3	16.6	72.0
30.1	67.6	7416.7	400.0	-20.1	-41.4	26.4	21.5	22.5	-6.4	328.9	3.2	0.2	12.8	22.0	80.0
32.1	70.0	7816.8	375.0	-23.4	-41.4	26.7	26.1	24.9	-8.0	330.4	3.2	0.2	14.1	24.0	80.0
33.9	75.9	8491.8	350.0	-27.3	-42.6	26.2	26.0	24.0	-17.0	331.9	3.2	1.2	21.7	27.2	90.0
35.9	79.7	9221.1	325.0	-31.4	-42.6	26.2	30.2	28.7	-9.4	333.4	3.2	0.3	39.5	30.1	90.0
38.0	83.7	9982.2	300.0	-36.2	-43.8	26.2	35.8	35.0	-7.4	334.3	3.2	0.3	44.6	33.9	90.0
41.1	87.9	11141.2	275.0	-40.9	00.9	27.1	38.8	34.7	-2.6	336.0	3.2	0.9	99.9	38.8	90.0
43.4	92.5	12311.6	250.0	-46.3	00.9	27.1	35.9	35.4	-2.1	337.2	3.2	0.9	99.9	44.0	90.0
45.9	97.2	13512.7	225.0	-52.6	00.9	27.5	38.9	38.7	-4.0	337.9	3.2	0.9	99.9	49.7	90.0
47.7	102.3	14744.2	200.0	-57.2	00.9	27.6	41.2	39.4	-11.9	342.2	3.2	0.9	99.9	55.1	90.0
50.5	108.1	16008.9	175.0	-62.3	00.9	27.6	43.7	42.5	-10.0	347.2	3.2	0.9	99.9	62.7	90.0
53.1	114.3	17442.2	150.0	-66.3	00.9	27.6	44.8	44.4	-5.7	355.9	3.2	0.9	99.9	72.8	90.0
56.0	121.1	19147.9	125.0	-67.2	00.9	27.6	46.3	43.1	-16.5	373.2	3.2	0.9	99.9	84.2	90.0
58.6	128.7	21449.0	100.0	-68.2	00.9	28.4	46.0	45.2	-16.5	399.9	3.2	0.9	99.9	93.2	90.0
61.3	137.0	24202.1	75.0	-7.7	00.9	28.6	15.6	14.9	-4.5	416.3	3.2	0.9	99.9	106.6	90.0
64.2	145.1	27694.1	50.0	3.3	00.9	30.2	3.5	2.9	-1.9	469.2	3.2	0.9	99.9	159.5	90.0
69.8	155.1	25127.1	25.0	3.3	00.9	108.3	2.8	-2.7	0.9	651.4	3.2	0.9	99.9	59.1	90.0

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STATION NO. 235  
JACKSON, MISS

6 MAY 1975  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	WOT T DEG K	E POT T DEG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
00.0	4.7	100.0	608.7	25.9	20.1	150.1	4.2	-2.1	2.5	311.2	340.9	14.9	70.0	1.0	0
00.9	99.0	99.0	1000.0	90.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.7	6.4	311.5	975.0	22.3	18.6	158.9	7.7	-2.8	7.1	209.5	316.5	14.0	79.4	0.1	330
1.4	8.4	530.5	950.0	20.7	17.2	167.7	9.5	-2.0	9.3	249.9	374.9	13.2	80.7	0.5	340
2.1	10.4	767.3	925.0	10.2	10.1	175.2	11.9	-1.0	11.9	300.6	374.9	12.5	82.3	1.0	340
2.8	12.4	1001.2	900.0	19.7	13.7	180.0	12.6	2.2	12.4	302.2	332.1	11.1	82.3	1.6	351
3.6	14.6	1245.4	875.0	19.0	13.2	214.6	11.5	6.5	9.4	304.0	334.0	11.0	73.7	2.1	361
4.3	16.6	1497.5	850.0	15.9	14.0	224.8	13.0	9.2	9.2	314.4	338.8	12.6	93.3	2.6	110
5.0	18.4	1747.1	825.0	13.7	13.3	229.3	12.9	9.8	8.4	314.4	338.8	12.6	93.3	3.3	110
5.7	20.3	2006.9	800.0	12.6	12.2	240.2	12.4	10.7	6.1	306.1	337.1	11.3	97.5	3.8	240
6.4	22.3	2274.0	775.0	11.7	11.4	249.1	12.0	11.9	4.5	307.8	338.3	11.0	98.1	4.3	300
7.1	24.3	2541.2	750.0	9.2	7.7	244.4	11.6	11.2	3.1	307.8	338.3	8.4	86.1	5.0	300
7.8	26.3	2808.4	725.0	7.0	0.7	241.1	9.7	9.2	3.1	308.8	324.9	5.6	67.4	5.4	470
8.5	28.3	3075.6	700.0	6.4	-0.3	248.8	8.9	9.3	3.2	310.3	325.0	5.4	62.2	5.9	420
9.2	30.3	3342.8	675.0	4.7	-2.4	251.3	7.4	7.0	2.4	311.5	325.0	4.8	59.9	6.4	420
9.9	32.3	3610.0	650.0	2.4	-4.7	241.0	5.7	5.7	0.5	312.2	324.5	4.2	50.6	6.7	460
10.6	34.3	3877.2	625.0	0.5	-8.5	271.2	4.3	4.3	-0.1	313.4	322.5	3.7	47.0	6.9	480
11.3	36.3	4144.4	600.0	-1.2	-11.8	275.0	5.7	5.7	-0.6	315.1	323.1	2.6	44.1	7.2	570
12.0	38.3	4411.6	575.0	-3.4	-18.5	282.3	9.7	8.5	-1.9	316.2	321.2	1.6	30.3	7.5	530
12.7	40.3	4678.8	550.0	-4.4	-32.9	287.6	11.2	10.6	-3.4	318.9	320.4	0.4	8.5	8.1	580
13.4	42.3	4946.0	525.0	-6.7	-34.9	289.0	10.0	9.4	-3.2	320.9	320.4	0.4	8.8	8.7	620
14.1	44.3	5213.2	500.0	-8.3	-30.1	285.9	12.4	12.1	-2.5	321.7	323.0	0.3	9.1	9.3	660
14.8	46.3	5480.4	475.0	-12.4	-34.2	282.0	15.5	15.1	-3.2	314.6	322.6	0.3	9.5	10.2	770
15.5	48.3	5747.6	450.0	-15.3	-40.1	276.2	20.4	20.3	-2.2	324.0	324.9	0.3	9.8	11.5	730
16.2	50.3	6014.8	425.0	-17.9	-41.4	277.7	22.0	22.0	-3.0	324.8	324.9	0.3	10.0	13.4	770
16.9	52.3	6282.0	400.0	-20.8	-43.9	280.1	24.2	23.3	-6.7	327.9	328.6	0.2	10.4	15.4	800
17.6	54.3	6549.2	375.0	-24.7	-46.7	288.3	27.2	25.8	-6.5	324.8	329.4	0.1	10.9	17.6	840
18.3	56.3	6816.4	350.0	-28.9	-45.3	287.4	30.8	29.4	-6.2	327.7	330.4	0.2	19.4	20.4	880
19.0	58.3	7083.6	325.0	-33.0	-45.3	285.1	34.2	33.0	-8.9	331.1	331.9	0.2	28.7	23.8	900
19.7	60.3	7350.8	300.0	-36.1	-50.2	283.5	34.8	33.4	8.1	331.6	332.0	0.1	26.3	27.6	940
20.4	62.3	7618.0	275.0	-40.0	-54.9	282.9	30.1	35.2	-8.1	332.9	332.9	0.9	99.9	32.4	940
21.1	64.3	7885.2	250.0	-47.5	90.9	274.4	37.8	37.7	-2.9	335.4	335.4	99.9	99.9	37.0	940
21.8	66.3	8152.4	225.0	-52.4	99.9	273.0	33.2	33.7	-1.6	337.2	337.2	99.9	99.9	41.7	940
22.5	68.3	8419.6	200.0	-58.0	99.9	279.0	41.4	41.0	-5.8	41.0	337.2	99.9	99.9	47.7	940
23.2	70.3	8686.8	175.0	-63.2	99.9	273.1	38.5	34.5	-2.1	345.7	339.9	99.9	99.9	54.3	950
23.9	72.3	8954.0	150.0	-63.3	99.9	272.4	41.7	41.7	-1.9	340.5	339.9	99.9	99.9	61.8	940
24.6	74.3	9221.2	125.0	-64.1	99.9	267.2	40.8	40.8	-12.1	379.0	339.9	99.9	99.9	72.7	950
25.3	76.3	9488.4	100.0	-65.2	99.9	291.0	28.6	28.6	-9.8	401.8	339.9	99.9	99.9	81.7	940
26.0	78.3	9755.6	75.0	-69.4	99.9	305.0	5.7	4.4	-7.6	427.5	339.9	99.9	99.9	86.7	970
26.7	80.3	10022.8	50.0	-58.5	99.9	67.6	5.4	-8.7	-3.6	505.6	339.9	99.9	99.9	99.9	970
27.4	82.3	10290.0	25.0	-47.3	99.9	298.4	6.7	5.0	-3.2	649.2	339.9	99.9	99.9	87.2	980

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 240  
LAKE CHARLES, LA

6 MAY 1975  
2015 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	NR RTD CM/KG	RM PCY	RANGE KM	AZ DG
0.0	4.2	5.0	1007.3	27.2	23.2	160.0	6.2	-2.1	5.0	302.2	360.2	18.1	79.0	0.0	0.0
0.2	4.8	69.6	1006.0	26.0	22.4	161.3	7.0	-2.3	6.7	301.9	347.9	17.4	80.7	0.2	347.0
1.1	6.6	293.1	975.0	24.2	21.0	164.7	7.5	-2.0	7.3	301.8	346.9	16.3	82.0	0.5	343.0
2.1	8.4	820.7	950.0	22.2	20.0	169.3	8.5	-1.6	8.4	301.2	343.6	15.7	87.5	1.0	345.0
2.9	10.6	752.8	925.0	20.5	18.4	164.1	7.5	-2.1	7.2	302.3	341.2	14.6	87.4	1.4	346.0
3.9	12.6	989.7	900.0	18.7	17.2	173.7	6.7	-0.7	6.7	302.6	339.7	13.9	91.0	1.8	348.0
4.8	14.7	1232.1	875.0	17.6	16.3	181.8	6.3	0.2	6.3	303.2	340.2	12.8	92.3	2.2	349.0
5.7	16.6	1487.2	850.0	16.0	15.1	198.9	6.7	2.2	6.3	304.7	339.8	12.8	94.2	2.5	350.0
6.8	18.9	1734.3	825.0	14.7	10.2	204.0	10.0	4.0	9.1	305.4	331.9	9.6	74.5	3.2	356.0
7.8	20.9	1955.1	800.0	14.7	6.9	211.1	9.1	4.7	7.9	307.8	329.9	7.2	59.6	3.5	1.0
8.7	23.2	2264.4	775.0	16.1	-6.5	218.6	6.6	4.1	5.2	311.6	320.7	3.0	20.4	3.8	9.0
9.7	25.5	2541.8	750.0	14.0	-14.8	233.0	4.5	3.6	2.6	312.0	317.1	1.6	18.2	4.1	8.0
10.7	27.8	2825.9	725.0	11.9	-22.9	250.4	3.6	3.4	1.2	312.6	315.3	0.8	7.0	4.2	11.0
11.6	30.3	3117.7	700.0	9.2	-22.6	272.4	3.7	3.7	-0.2	312.7	315.6	0.9	8.6	4.3	17.0
13.0	35.8	3417.1	675.0	6.5	-22.0	281.9	4.7	4.6	-1.0	313.0	316.2	1.0	17.8	4.4	23.0
14.3	35.4	3724.8	650.0	3.7	-23.2	274.2	6.8	6.8	-0.5	313.2	316.2	0.9	11.9	4.4	23.0
15.6	37.3	4041.6	625.0	1.8	-24.5	264.6	11.4	11.4	1.1	314.6	317.3	0.8	12.0	4.7	30.0
17.0	40.5	4365.6	600.0	-0.4	-20.4	284.3	19.2	14.7	4.1	315.6	319.8	1.3	20.4	5.6	39.0
18.4	43.3	4708.6	575.0	-2.4	-17.2	244.7	19.0	17.2	8.1	317.3	322.9	1.7	31.2	6.8	46.0
19.7	46.1	5059.0	550.0	-5.0	-10.8	240.2	23.1	20.1	11.5	318.5	326.0	3.1	64.1	9.5	48.0
21.1	49.1	5423.1	525.0	-7.8	-18.3	247.5	23.6	21.6	9.0	319.3	324.8	1.7	42.6	17.3	51.0
22.5	52.7	5800.9	500.0	-11.0	-56.9	256.7	22.2	21.6	5.1	319.6	319.7	0.0	1.0	12.2	56.0
23.9	55.2	6194.7	475.0	-12.2	-57.7	257.9	22.7	22.2	4.8	322.8	322.9	0.0	1.0	13.9	57.0
25.3	58.3	6606.0	450.0	-14.8	-59.3	251.7	23.6	23.4	3.4	324.6	324.7	0.0	1.0	15.7	60.0
26.9	61.7	7036.8	425.0	-16.9	-60.6	261.4	23.5	23.2	3.5	327.2	327.3	0.0	1.0	17.5	63.0
28.7	65.3	7488.7	400.0	-20.0	-63.1	261.4	21.5	21.3	2.7	328.1	328.2	0.0	1.0	20.1	66.0
30.4	69.0	7962.2	375.0	-24.8	-65.7	263.2	22.4	22.3	2.7	329.7	328.8	0.0	1.0	22.4	67.0
32.3	72.7	8440.8	351.0	-28.5	-68.2	266.2	22.1	22.0	1.5	330.2	330.3	0.0	1.0	24.7	68.0
34.2	76.8	8984.9	325.0	-33.2	-66.7	273.1	26.1	25.9	-1.4	330.8	331.5	0.2	24.7	27.4	71.0
36.3	81.0	9545.2	300.0	-36.3	-43.2	266.9	32.0	32.1	0.6	334.1	335.2	0.3	48.6	30.8	73.0
38.4	85.5	10143.4	275.0	-41.1	99.9	262.6	35.3	35.0	4.0	335.6	335.9	99.9	99.9	34.9	75.0
40.5	90.4	10782.9	250.0	-47.0	99.9	260.1	33.0	32.5	5.7	336.2	336.2	99.9	99.9	39.4	76.0
42.8	95.5	11473.4	225.0	-53.7	99.9	264.6	37.1	37.0	3.5	336.3	336.3	99.9	99.9	44.0	78.0
45.3	101.0	12222.4	200.0	-57.0	99.9	270.2	42.8	42.8	-0.1	342.5	342.5	99.9	99.9	57.7	78.0
48.6	107.5	13054.6	175.0	-61.1	99.9	263.7	47.7	47.4	5.2	349.2	349.2	99.9	99.9	59.0	79.0
52.3	114.5	14008.2	150.0	-63.4	99.9	262.4	40.9	40.5	5.4	350.9	350.9	99.9	99.9	68.1	79.0
56.2	122.3	15117.4	125.0	-66.7	99.9	268.4	32.2	30.6	-10.1	374.3	374.3	99.9	99.9	77.3	81.0
61.3	131.5	16459.4	100.0	-68.8	99.9	266.7	23.6	22.6	-6.8	394.8	394.8	99.9	99.9	86.2	84.0
67.2	141.3	19169.8	75.0	-71.8	99.9	289.5	15.0	14.1	-6.0	422.5	422.5	99.9	99.9	93.0	86.0
76.1	152.5	23643.2	50.0	-56.4	99.9	353.6	4.3	0.7	-4.3	555.9	555.9	99.9	99.9	93.9	86.0
89.8	164.3	25087.8	25.0	-48.5	99.9	43.9	2.5	-1.7	-1.8	645.1	645.1	99.9	99.9	93.9	86.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

C 2

STATION NO. 248  
SHREVEPORT, LA

6 MAY 1975  
2012 GMT

119 104.0 C

TIME M14	CNTCT	HEIGHT GEM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPID M/SFC	U COMP M/SFC	V CCWD M/SFC	POT T CG K	E POT T DG K	MX RTD GM/KG	RM PCT	RANGE KM	1Z DG
0.9	4.9	79.0	997.3	29.4	22.9	130.0	5.2	-2.4	4.5	35.0.2	353.3	17.9	68.0	0.6	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	6.3	280.5	975.0	28.0	21.2	159.2	5.2	-1.9	4.5	34.0.4	348.7	16.8	71.5	0.5	328.
1.6	8.3	510.3	950.0	25.0	21.0	176.8	4.9	-0.3	4.5	34.0.9	349.0	16.8	78.4	0.5	334.
7.5	10.3	744.4	925.0	22.9	18.8	201.8	4.7	1.8	4.4	34.0.8	349.1	15.0	77.7	0.7	345.
3.4	12.2	983.3	900.0	20.7	17.0	219.1	5.7	3.6	4.4	34.0.7	349.4	13.7	79.0	0.9	358.
4.3	14.2	1227.0	875.0	19.9	15.6	217.9	7.3	4.5	4.3	34.0.2	349.1	12.9	81.1	1.2	8.
5.2	16.1	1476.2	850.0	17.6	14.3	219.9	8.2	5.2	4.1	34.0.3	339.5	12.2	80.5	1.7	17.
6.3	18.1	1731.5	825.0	16.1	11.3	218.9	6.3	4.0	4.0	34.0.9	335.4	10.3	73.2	2.1	22.
7.5	20.4	1993.1	800.0	14.8	7.0	226.8	5.2	3.8	3.0	34.0.9	331.5	8.4	68.6	2.5	25.
8.6	22.5	2251.6	775.0	13.1	-2.4	228.4	2.1	1.6	1.5	31.0.6	323.0	4.2	30.4	2.7	27.
9.4	24.7	2538.4	750.0	14.3	-8.9	290.5	2.8	2.7	-1.0	31.0.5	320.4	2.6	19.1	2.9	28.
10.9	26.8	2823.8	725.0	12.3	-9.7	241.9	6.0	5.8	-1.2	31.3.3	321.1	2.5	20.5	2.9	34.
12.1	29.2	3110.2	700.0	9.7	-11.3	277.7	7.8	7.8	-1.0	31.3.5	320.7	2.3	21.3	3.1	43.
13.3	31.7	3410.1	675.0	6.3	-13.1	279.8	8.3	8.1	-1.4	31.2.5	319.4	2.1	23.4	3.5	51.
14.5	34.2	3723.9	650.0	3.6	-13.9	281.8	9.5	9.3	-1.9	31.3.2	319.5	2.0	26.4	3.9	58.
15.9	36.6	4000.5	625.0	0.0	-14.9	275.3	10.3	10.3	-1.7	31.3.3	319.3	1.9	30.0	4.6	65.
17.6	39.2	4300.3	600.0	-2.4	-16.3	271.7	10.6	10.6	-0.3	31.3.5	319.1	1.8	33.6	5.4	77.
19.5	41.7	4722.5	575.0	-5.1	-17.1	263.0	14.3	14.2	1.7	31.6.2	319.7	1.7	38.2	6.8	74.
21.4	44.4	5052.3	550.0	-7.5	-22.3	257.1	19.2	19.2	4.4	31.5.3	319.0	1.2	29.4	8.6	75.
23.2	47.3	5411.2	525.0	-8.5	-33.5	258.9	21.7	21.3	4.2	31.6.3	319.7	0.4	11.7	11.1	75.
25.3	50.2	5780.3	500.0	-8.9	-35.8	256.7	23.4	23.0	4.6	32.2.2	323.8	0.4	11.1	13.9	76.
27.6	53.1	6184.5	475.0	-11.6	-35.7	252.7	21.1	20.2	6.2	32.3.6	325.7	0.4	11.4	17.1	76.
29.7	56.0	6596.8	450.0	-14.3	-37.7	246.1	13.8	13.2	3.8	32.5.2	326.4	0.3	11.6	19.3	76.
31.8	58.3	7027.1	425.0	-18.2	-34.0	257.0	15.9	15.5	3.4	32.6.6	327.4	0.5	23.4	21.0	76.
34.2	62.7	7477.1	400.0	-21.1	-38.5	261.9	15.9	15.5	3.1	32.7.5	328.7	0.3	19.0	23.7	76.
37.1	66.0	7949.5	375.0	-25.1	-43.6	262.4	25.6	25.7	3.4	32.8.3	329.1	0.2	15.8	28.1	77.
39.7	69.7	8446.9	350.0	-29.5	-44.8	268.8	27.2	27.2	0.6	32.9.0	327.7	0.2	20.8	32.2	78.
42.0	73.3	8970.5	325.0	-34.2	-44.4	269.7	31.8	31.8	0.7	32.9.5	330.3	0.2	34.6	34.3	80.
45.1	77.5	9526.1	300.0	-38.8	-46.1	269.1	38.7	38.6	3.3	33.0.7	331.4	0.2	48.3	43.1	81.
50.0	81.5	10117.5	275.0	-42.5	-49.9	262.6	48.9	44.5	5.7	33.3.7	333.7	99.9	99.9	54.2	81.
54.6	86.0	10754.5	250.0	-47.4	-49.9	265.1	38.9	34.4	6.7	33.5.6	335.9	99.9	99.9	66.0	81.
59.9	90.8	11443.0	225.0	-52.0	-49.9	266.7	46.2	46.1	3.3	33.8.2	338.9	99.9	99.9	77.6	82.
66.3	96.0	12198.9	200.0	-57.7	-49.9	267.5	47.6	47.5	2.1	34.1.4	341.9	99.9	99.9	93.7	83.
72.9	101.5	13038.1	175.0	-61.9	-49.9	267.7	53.4	53.3	2.2	34.7.8	347.9	99.9	99.9	109.9	84.
81.6	108.0	13986.9	150.0	-62.1	-49.9	268.3	60.5	60.1	6.6	35.3.2	359.9	99.9	99.9	126.8	84.
93.2	118.3	15112.9	125.0	-63.8	-49.9	276.6	68.0	65.7	-0.3	37.8.9	399.9	99.9	99.9	149.9	85.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 250  
 BRUNSVILLE, TEX

 6 MAY 1975  
 2018 GMT

161 170 3

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SFC	V CCNR M/SFC	POT T DG K	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
000	4.5	7.0	1011.0	33.3	14.4	140.0	5.2	-3.3	4.7	307.8	307.8	336.0	10.4	32.0	20.7	50
000	4.7	16.0	1000.0	33.0	16.2	137.4	4.6	-3.1	3.4	307.8	307.8	330.0	12.0	38.1	20.7	350
100	6.7	244.0	975.0	29.5	22.8	181.8	3.9	0.1	3.9	337.4	337.4	356.0	18.2	67.1	0.3	312
200	8.7	478.0	950.0	27.5	21.7	197.6	3.2	1.0	3.0	307.5	307.5	354.0	17.5	70.5	0.5	342
200	10.9	712.4	925.0	25.7	19.6	261.8	4.6	4.6	0.7	307.7	307.7	354.0	18.7	69.0	0.6	358
300	13.1	953.4	900.0	23.1	18.1	269.4	6.0	5.7	-2.0	307.3	307.3	357.6	14.8	73.6	0.6	27
400	15.3	1159.3	875.0	22.3	12.8	308.1	7.0	5.6	-4.1	308.5	308.5	338.4	10.8	55.8	0.7	50
500	17.5	1452.5	850.0	24.0	11.5	298.7	6.4	5.8	-2.7	312.7	312.7	341.5	10.1	45.5	0.9	70
600	19.9	1713.4	825.0	23.6	8.9	252.8	5.4	5.1	1.6	318.8	318.8	342.0	8.7	39.1	1.2	92
700	22.1	1981.3	800.0	22.0	3.7	233.3	7.8	6.3	4.7	311.5	311.5	333.9	6.3	30.0	1.5	78
800	24.6	2255.9	775.0	19.9	0.2	217.5	9.9	6.0	7.9	315.9	315.9	320.9	5.0	26.7	1.9	60
900	26.9	2537.6	750.0	18.7	-5.1	215.5	12.2	7.2	9.8	317.3	317.3	328.1	3.5	19.5	2.6	60
1000	29.5	2827.1	725.0	16.4	-6.3	212.2	12.7	6.8	10.7	317.9	317.9	328.3	3.4	20.9	3.4	54
1100	32.2	3123.9	700.0	13.9	-8.9	212.3	12.8	6.8	10.5	318.3	318.3	327.7	2.8	19.6	4.2	40
1200	34.8	3429.0	675.0	11.7	-10.0	222.4	13.8	9.0	10.5	319.0	319.0	327.3	2.6	20.8	5.1	47
1300	37.3	3742.8	650.0	9.0	-12.0	224.0	14.2	11.3	11.7	319.4	319.4	326.8	2.3	21.3	6.7	46
1400	40.1	4068.2	625.0	6.7	-7.2	219.3	17.7	11.2	13.7	320.6	320.6	321.7	3.6	16.2	7.2	46
1500	42.9	4359.5	600.0	3.4	-6.5	217.4	17.4	10.7	13.8	320.5	320.5	320.9	3.3	41.1	8.4	40
1600	45.6	4742.6	575.0	0.1	-18.4	229.9	18.7	9.6	11.1	320.3	320.3	325.5	1.6	23.5	9.5	40
1700	48.9	5097.0	550.0	-2.3	-22.0	227.6	13.1	9.7	8.9	321.5	321.5	325.4	1.2	20.3	10.4	44
1800	51.9	5484.2	525.0	-5.6	-15.6	230.8	18.7	12.3	8.0	321.9	321.9	323.9	2.2	45.3	11.4	40
1900	55.3	5844.5	500.0	-8.7	-26.4	240.1	18.5	14.9	7.2	322.5	322.5	323.5	0.9	22.3	12.5	40
2000	58.1	6243.5	475.0	-10.8	-29.2	248.0	19.2	17.8	7.2	324.7	324.7	327.2	0.7	20.2	13.9	40
2100	61.6	6655.0	450.0	-13.0	-30.3	242.4	20.2	17.9	5.3	324.9	324.9	329.3	0.7	21.8	15.6	50
2200	65.3	7087.6	425.0	-16.8	-32.7	238.1	20.5	17.4	11.7	327.5	327.5	329.5	0.6	23.6	17.0	51
2300	68.8	7547.8	400.0	-19.5	-36.7	231.0	22.2	17.3	14.0	329.6	329.6	331.1	0.4	19.9	19.4	51
2400	72.2	8016.6	375.0	-23.2	-39.4	239.9	19.2	16.6	9.6	330.8	330.8	332.7	0.3	21.1	21.2	51
2500	76.3	8519.4	350.0	-26.5	-40.1	238.7	25.2	21.5	13.1	331.0	331.0	334.2	0.3	26.1	23.5	52
2600	80.4	9049.2	325.0	-30.9	-43.3	242.8	30.5	26.2	12.2	334.6	334.6	335.7	0.2	28.2	26.1	53
2700	84.9	9617.9	300.0	-36.0	-47.2	245.0	28.9	26.2	10.7	338.4	338.4	999.3	0.2	30.0	29.2	54
2800	89.4	10209.4	275.0	-41.2	99.9	245.8	31.1	29.2	10.7	338.4	338.4	999.3	0.2	99.9	32.5	54
2900	94.2	10851.7	250.0	-45.2	99.9	247.3	37.0	34.1	14.3	338.8	338.8	999.3	0.2	99.9	37.4	57
3000	99.3	11545.4	225.0	-51.1	99.9	256.7	39.6	38.5	9.3	340.2	340.2	999.9	0.2	99.9	42.4	54
3100	104.8	12310.8	200.0	-57.4	99.9	253.2	42.7	47.9	12.3	341.8	341.8	999.9	0.2	99.9	49.6	61
3200	110.9	13133.9	175.0	-60.0	99.9	248.0	44.8	44.6	4.7	350.9	350.9	999.9	0.2	99.9	57.3	64
3300	117.5	14091.9	150.0	-64.2	99.9	256.8	37.8	33.0	7.7	359.4	359.4	999.9	0.2	99.9	64.9	60
3400	124.3	15168.5	125.0	-67.5	99.9	265.4	31.2	31.1	2.5	372.8	372.8	999.9	0.2	99.9	72.4	67
3500	133.5	16335.4	100.0	-71.8	99.9	271.1	10.1	10.1	-0.2	389.1	389.1	999.9	0.2	99.9	77.5	68
3600	142.3	15198.3	75.0	-76.6	99.9	317.4	3.9	2.6	-2.9	412.2	412.2	999.3	0.2	99.9	79.4	70
3700	151.3	23677.5	50.0	-86.3	99.9	376.6	0.6	-0.5	0.2	506.3	506.3	999.9	0.2	99.9	78.8	70
3800	161.3	25140.3	25.0	-46.4	99.9	0.1	7.8	-7.4	-2.7	651.2	651.2	999.9	0.2	99.9	76.3	70

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 ANL - 0 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 255  
VICTORIA, TEX

6 MAY 1975  
2015 GMT

TIME MIN	CNTCT	HFIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCHP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.7	5.1	33.0	1000.3	28.3	23.9	180.0	4.2	0.0	4.2	304.0	354.6	19.0	77.0	160	140 0
0.0	5.1	35.7	1000.0	28.3	23.9	180.0	99.9	99.9	99.9	304.0	354.7	19.0	77.2	999.9	999.9
1.7	6.9	261.1	975.0	26.3	24.4	999.9	99.9	99.9	99.9	304.3	358.1	20.2	89.7	999.9	999.9
1.9	9.7	490.9	950.0	24.8	23.7	999.9	99.9	99.9	99.9	305.0	358.0	19.9	93.9	999.9	999.9
2.7	10.3	725.6	925.0	23.0	22.0	131.2	3.7	-2.8	2.5	305.3	354.4	18.3	93.8	0.7	322.0
3.6	13.7	964.8	900.0	21.1	20.1	136.3	3.7	-2.6	2.7	305.5	350.6	16.7	94.2	0.9	320.0
4.4	15.1	1239.8	875.0	20.3	19.2	145.6	3.7	-2.1	3.0	307.0	351.0	15.2	93.3	1.0	323.0
5.3	17.2	1460.5	852.0	18.8	17.5	144.7	3.8	-2.2	3.1	307.9	349.0	15.1	92.4	1.2	321.0
6.3	18.5	1717.1	825.0	16.7	14.1	151.9	4.7	-2.2	4.2	308.0	342.3	12.5	84.9	1.5	322.0
7.4	21.5	1961.9	800.0	19.1	5.7	149.7	9.6	-4.8	8.3	312.5	333.4	7.2	41.5	1.9	324.0
8.6	23.9	2233.5	775.0	18.7	0.5	148.2	10.6	-5.6	9.3	314.7	329.9	5.2	29.4	2.7	325.0
9.6	26.1	2533.6	750.0	16.7	-1.3	157.7	9.6	-3.6	8.6	315.3	329.2	4.6	29.2	3.3	326.0
10.8	28.5	2921.1	725.0	14.5	-3.0	174.6	8.8	-0.8	8.7	315.9	327.9	4.0	27.8	3.9	329.0
12.0	31.0	3116.2	700.0	12.4	-5.0	180.3	6.3	1.5	6.2	316.7	328.3	3.8	24.3	4.4	334.0
13.2	33.6	3419.8	675.0	9.8	-7.2	196.1	9.3	2.6	9.0	317.1	327.2	3.3	29.3	4.9	338.0
14.4	35.9	3731.7	650.0	7.0	-3.0	202.1	9.9	3.7	9.2	317.5	331.8	4.7	49.0	5.5	343.0
15.7	38.6	4052.7	625.0	3.8	1.1	210.5	11.3	5.7	9.7	317.7	337.4	6.7	82.3	6.1	348.0
17.0	41.1	4383.6	600.0	1.7	-1.3	218.8	14.8	7.6	12.7	318.2	336.2	5.8	60.5	6.8	354.0
18.3	44.3	4725.3	575.0	-0.8	-9.7	213.4	18.0	9.9	15.0	319.4	329.3	3.2	50.6	7.9	360.0
19.7	46.9	5078.3	550.0	-4.3	-12.0	219.7	19.3	12.4	14.9	319.4	328.1	2.8	54.9	9.4	360.0
21.0	49.9	5432.2	525.0	-7.0	-16.0	230.6	21.8	16.8	13.8	320.2	326.9	4.1	48.7	10.6	11.0
22.5	52.9	5822.0	500.0	-9.4	-25.6	237.7	23.9	20.2	12.8	321.7	324.9	0.9	25.3	12.1	18.0
23.8	55.7	6217.1	475.0	-11.6	-35.0	238.5	24.5	20.9	12.8	323.6	325.0	0.4	12.4	13.6	23.0
25.0	59.0	6626.9	450.0	-14.4	-37.6	257.1	24.1	22.2	9.4	325.1	324.3	0.3	11.8	15.6	29.0
26.7	62.4	7030.3	425.0	-17.0	-43.4	256.6	25.2	23.7	8.8	327.1	327.8	0.2	7.6	17.5	34.0
28.7	65.4	7512.2	400.0	-20.1	-45.5	251.4	27.5	26.1	8.8	328.9	329.5	0.2	8.2	19.7	38.0
30.6	69.4	7987.0	375.0	-24.2	-38.9	253.4	26.5	25.5	7.4	329.5	330.8	0.3	24.0	22.1	43.0
32.3	73.0	8485.3	350.0	-29.0	-41.2	254.4	28.8	27.7	7.7	329.5	330.6	0.3	29.6	24.5	46.0
34.1	77.0	9019.9	325.0	-32.6	-38.9	254.7	31.5	30.4	8.3	331.7	333.2	0.4	52.8	27.8	49.0
36.2	81.2	9571.3	300.0	-36.1	-42.4	252.1	34.3	32.7	10.6	334.5	335.6	0.3	51.8	31.0	52.0
38.2	85.4	10170.3	275.0	-40.5	99.9	257.9	37.6	34.8	14.2	336.6	999.9	99.9	999.9	35.2	55.0
40.2	90.0	10811.9	250.0	-45.9	99.9	251.0	39.1	36.9	13.7	337.6	999.9	99.9	999.9	39.9	56.0
42.6	95.2	11511.1	225.0	-52.2	99.9	254.7	38.9	37.5	10.3	338.5	999.9	99.9	999.9	43.0	58.0
45.3	100.4	12259.0	200.0	-57.5	99.9	255.7	44.7	43.3	11.1	341.7	999.9	99.9	999.9	52.0	61.0
48.4	106.3	13098.7	175.0	-59.6	99.9	257.1	39.5	38.5	8.8	351.6	999.9	99.9	999.9	59.4	63.0
51.0	112.8	14053.2	150.0	-61.2	99.9	255.4	42.1	40.7	10.6	364.7	999.9	99.9	999.9	67.0	64.0
54.1	120.3	15169.4	125.0	-66.0	99.9	273.9	35.9	35.8	-2.4	375.5	999.9	99.9	999.9	78.0	66.0
60.8	128.7	16514.5	100.0	-70.1	99.9	273.3	26.8	26.8	-1.5	392.4	999.9	99.9	999.9	84.8	73.0
64.8	138.0	18231.8	75.0	-74.6	99.9	276.6	13.8	13.7	-1.6	416.5	999.9	99.9	999.9	90.0	71.0
73.2	148.0	20670.2	50.0	-80.5	99.9	250.1	26.9	24.9	9.0	500.9	999.9	99.9	999.9	89.0	70.0
90.0	159.3	25114.6	25.0	-86.9	99.9	303.0	5.3	4.5	-2.9	649.8	999.9	99.9	999.9	88.0	71.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 MAY 1975  
2015 GMT

TIME MIN	CNTCT	HEIGHT FPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTD CM/KG	RH PCT	RANGE KM	AZ DEG
0.0	10.0	399.0	960.4	27.5	4.5	190.7	3.7	0.5	3.3	304.9	323.6	8.5	23.0	160	21.0
0.0	99.9	1000.0	960.4	27.5	4.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	10.5	495.2	950.0	26.6	5.8	353.4	4.1	0.5	-0.1	305.0	321.3	6.1	26.7	7.1	135.
1.4	13.2	729.2	925.0	24.4	4.7	359.4	5.5	0.1	-0.5	305.0	321.3	5.8	26.7	7.1	135.
2.3	15.3	598.0	900.0	22.1	2.9	359.4	4.5	0.4	-0.4	305.0	319.0	5.3	28.3	7.1	174.
3.4	17.3	1211.4	875.0	20.1	1.1	359.4	4.3	0.1	-0.4	305.0	319.0	4.8	28.1	7.1	181.
4.2	20.3	1467.4	853.0	18.6	-2.1	347.4	5.7	1.2	-0.5	306.1	317.4	3.9	24.5	7.1	179.
5.1	22.3	1715.4	825.0	16.8	-4.5	339.4	5.5	1.9	-0.2	306.8	316.6	3.3	22.8	7.1	176.
6.0	25.3	1976.6	800.0	15.2	-5.6	316.0	3.0	2.1	-0.2	307.8	317.1	3.2	23.3	7.1	173.
6.8	27.8	2244.2	775.0	13.0	0.3	250.6	4.2	4.0	1.4	308.5	321.2	5.1	41.6	7.1	169.
7.8	30.6	2519.1	750.0	10.8	7.1	234.5	8.8	7.1	5.1	309.5	333.5	8.5	77.7	7.1	157.
8.7	33.3	2831.8	700.0	9.6	4.7	230.8	12.2	9.4	7.7	310.9	332.5	7.5	71.9	7.1	136.
9.8	35.9	3092.6	675.0	7.7	-0.4	225.9	14.7	10.6	13.2	311.7	327.4	5.3	56.4	7.1	110.
10.8	38.8	3391.8	650.0	5.6	2.1	218.5	16.9	10.5	13.2	312.7	327.4	5.4	56.4	7.1	88.
11.8	41.5	3699.5	625.0	2.9	-0.2	211.4	18.8	9.8	16.3	313.0	325.1	5.4	56.4	7.1	73.
12.8	44.5	4016.5	600.0	-0.9	-0.5	207.4	21.1	9.7	18.7	314.4	325.7	3.8	56.4	7.1	62.
13.8	47.4	4344.1	600.0	-0.9	-0.5	210.5	22.5	11.4	19.4	315.5	325.8	3.4	56.4	7.1	53.
14.9	50.4	4682.5	575.0	-3.8	-11.8	214.6	22.1	12.6	18.2	315.8	325.2	2.7	53.5	7.1	49.
16.0	53.3	5031.4	550.0	-7.3	-13.6	218.5	22.7	14.1	17.8	315.7	323.1	2.4	59.9	7.1	46.
17.3	56.9	5391.7	525.0	-10.6	-16.4	221.3	23.9	15.8	18.3	315.9	322.2	2.0	62.2	7.1	46.
18.5	60.4	5766.0	500.0	-12.6	-33.6	224.4	25.2	17.5	18.2	317.7	319.3	0.5	15.6	7.1	48.
19.7	63.9	6156.1	475.0	-14.2	-37.2	226.4	30.2	21.9	20.8	320.3	321.5	0.3	12.2	7.1	48.
21.1	67.3	6564.4	450.0	-16.6	-38.9	225.3	31.1	22.1	21.9	322.3	323.4	0.3	12.4	7.1	48.
22.5	70.9	6991.7	425.0	-19.5	-39.9	229.6	30.5	23.2	19.8	324.0	325.0	0.3	14.2	7.1	49.
24.7	75.7	7439.6	400.0	-22.5	-42.3	240.1	31.2	27.0	15.3	325.6	325.5	0.2	14.5	7.1	47.
25.8	78.8	7910.1	375.0	-25.6	-44.6	244.9	37.8	34.2	16.1	327.6	328.3	0.2	14.8	7.1	49.
27.2	82.8	8407.1	350.0	-29.2	-44.9	247.9	42.6	39.5	16.0	329.3	330.0	0.2	20.2	7.1	51.
28.9	87.3	8931.9	325.0	-33.6	-42.9	244.0	46.0	41.4	20.1	330.3	331.3	0.3	38.3	7.1	53.
30.8	91.6	9488.0	300.0	-38.7	-42.7	241.2	46.0	40.3	22.1	330.7	331.3	0.1	33.5	7.1	54.
32.7	96.2	10087.5	275.0	-42.5	99.9	238.0	55.2	46.8	25.2	333.6	333.6	99.9	99.9	7.1	55.
34.7	101.3	10717.5	250.0	-47.6	99.9	239.2	46.2	39.7	23.7	335.3	335.3	99.9	99.9	7.1	56.
37.0	106.5	11477.0	225.0	-51.8	99.9	245.5	46.3	42.1	19.2	336.1	336.1	99.9	99.9	7.1	57.
39.4	112.3	12142.0	200.0	-56.7	99.9	244.6	45.4	41.0	19.5	343.0	343.0	99.9	99.9	7.1	58.
42.6	118.3	13003.1	175.0	-58.8	99.9	246.3	54.8	50.1	22.1	352.9	352.9	99.9	99.9	7.1	58.
45.8	125.3	13968.3	150.0	-60.7	99.9	248.7	49.1	44.7	20.2	368.9	368.9	99.9	99.9	7.1	59.
49.6	133.3	15122.3	125.0	-60.8	99.9	257.9	56.5	55.3	11.9	384.9	384.9	99.9	99.9	7.1	61.
54.4	140.0	16479.6	100.0	-61.5	99.9	257.8	24.8	23.4	5.1	409.0	409.0	99.9	99.9	7.1	64.
60.8	148.3	18229.1	75.0	-68.8	99.9	269.5	8.9	8.9	0.1	428.8	428.8	99.9	99.9	7.1	65.
67.6	157.7	20732.2	50.0	-56.0	99.9	235.7	5.9	-2.2	-0.2	506.9	506.9	99.9	99.9	7.1	64.
70.2	167.5	25174.4	25.0	-48.6	99.9	999.9	99.9	99.9	99.9	645.1	645.1	99.9	99.9	7.1	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL RIO, TEX

6 MAY 1975  
2015 GMT

121 132. 0

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.0	0.9	314.0	969.8	32.8	2.9	350.0	6.2	1.1	-6.1	309.3	323.4	4.8	15.0	3.2	0
00.9	00.9	1100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	11.6	458.2	950.0	29.9	7.5	375.8	7.6	3.2	-7.1	308.5	328.1	6.9	24.7	7.4	161.
1.6	18.9	735.3	925.0	28.3	6.1	348.7	6.2	1.2	-6.1	304.1	327.5	6.4	24.6	0.8	159.
2.6	15.2	576.0	900.0	25.5	3.9	355.6	7.1	0.5	-7.1	308.6	324.9	5.6	24.7	1.2	185.
3.6	17.5	1223.3	875.0	23.4	3.1	355.4	5.5	0.4	-5.5	308.8	324.6	5.5	25.6	1.5	169.
4.5	20.0	1474.8	850.0	21.1	0.5	325.5	6.5	3.7	-5.4	308.9	322.5	4.7	25.3	1.9	168.
5.3	22.2	1732.5	825.0	19.6	-0.7	293.0	5.2	4.8	-2.0	309.9	322.8	4.4	25.4	2.1	163.
6.2	24.8	1496.1	800.0	17.6	-2.4	262.6	5.6	5.6	0.7	310.4	322.3	4.0	25.5	2.2	156.
7.2	27.2	2216.2	775.0	15.6	-4.1	249.2	7.3	6.8	2.6	311.1	322.0	3.7	25.5	2.3	157.
7.9	29.9	2542.8	750.0	12.9	-6.3	244.5	6.7	7.8	3.7	311.0	320.6	3.2	25.6	2.4	139.
8.7	32.6	2826.8	725.0	11.4	-9.1	235.4	9.4	7.8	5.4	312.3	320.4	2.7	25.9	2.5	128.
9.5	35.3	3118.7	700.0	9.1	-12.1	225.9	9.5	6.8	6.6	312.5	319.6	2.2	20.8	2.6	118.
10.6	37.9	3418.4	675.0	7.0	-12.5	217.4	9.7	5.9	7.7	313.7	320.4	2.2	23.4	2.8	106.
11.6	40.6	3727.0	650.0	4.2	-15.8	221.2	10.5	6.9	7.9	313.9	319.4	1.7	21.6	3.1	96.
12.7	43.1	4045.0	625.0	2.9	-17.9	232.7	13.2	10.5	7.9	316.0	320.8	1.5	19.8	3.7	86.
13.8	45.7	4374.9	600.0	2.1	-18.5	237.4	14.5	12.3	7.4	318.7	323.5	1.5	19.9	4.5	80.
15.0	49.5	4716.7	575.0	-0.6	-20.7	241.8	15.1	13.3	7.1	319.4	323.6	1.3	20.1	5.5	76.
16.2	52.6	5070.3	550.0	-3.1	-22.7	240.9	17.5	15.3	8.5	320.6	324.3	1.1	20.2	6.6	74.
17.4	55.7	5436.9	525.0	-5.7	-24.3	238.6	18.4	15.7	9.6	321.7	325.1	1.0	21.3	7.3	71.
18.9	59.0	5817.1	500.0	-8.6	-26.5	241.1	19.3	16.9	9.3	322.6	325.6	0.9	21.9	9.5	70.
20.4	62.4	6212.8	475.0	-11.4	-28.8	236.8	22.4	18.7	12.3	323.9	326.4	0.7	22.1	11.4	68.
21.8	65.9	6625.1	450.0	-14.3	-31.9	239.5	23.3	20.1	11.8	325.3	327.3	0.6	22.7	13.3	66.
23.3	69.6	7056.6	425.0	-17.7	-34.7	237.8	26.9	22.8	14.4	326.3	328.0	0.5	22.7	15.6	65.
24.7	73.1	7506.3	400.0	-21.3	-37.7	237.0	28.1	23.6	15.3	327.3	328.6	0.4	21.0	17.8	64.
26.2	77.2	7978.8	375.0	-25.0	-40.9	241.2	29.0	25.4	14.0	328.4	329.5	0.3	21.2	20.3	63.
27.8	81.7	8477.1	350.0	-28.3	-43.5	246.8	42.2	38.7	16.6	330.6	331.7	0.2	20.2	23.6	64.
29.5	85.3	9003.5	325.0	-33.3	-46.4	245.2	40.2	36.5	16.9	332.5	333.2	0.2	48.4	32.1	65.
31.3	89.6	9560.9	300.0	-37.6	-44.4	245.2	40.2	36.5	16.9	332.5	333.2	0.2	48.4	32.1	65.
33.1	94.4	10137.5	275.0	-40.8	-46.9	237.7	44.9	37.6	24.9	336.1	336.1	0.9	99.9	36.4	64.
35.1	99.2	10797.9	250.0	-46.9	-59.9	232.9	38.6	31.0	23.5	336.3	336.3	0.9	99.9	41.2	63.
37.3	104.4	11488.1	225.0	-52.1	-69.9	240.3	43.2	37.5	21.4	338.7	338.7	0.9	99.9	46.9	62.
39.8	110.2	12242.3	200.0	-56.8	-99.9	243.7	49.1	43.9	21.7	342.8	342.8	0.9	99.9	54.1	62.
42.5	116.7	13041.8	175.0	-58.1	-99.9	247.7	44.3	41.0	16.8	344.1	344.1	0.9	99.9	61.7	63.
45.9	123.3	14049.6	150.0	-57.7	-99.9	245.7	46.9	42.7	19.3	370.6	370.6	0.9	99.9	74.4	63.
49.9	130.9	15049.9	125.0	-59.9	-99.9	245.7	46.9	42.7	19.3	370.6	370.6	0.9	99.9	99.9	99.9
53.9	138.9	16049.9	100.0	-59.9	-99.9	245.7	46.9	42.7	19.3	370.6	370.6	0.9	99.9	99.9	99.9
57.9	146.9	17049.9	75.0	-59.9	-99.9	245.7	46.9	42.7	19.3	370.6	370.6	0.9	99.9	99.9	99.9
61.9	154.9	18049.9	50.0	-59.9	-99.9	245.7	46.9	42.7	19.3	370.6	370.6	0.9	99.9	99.9	99.9
65.9	162.9	19049.9	25.0	-59.9	-99.9	245.7	46.9	42.7	19.3	370.6	370.6	0.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

6 MAY 1975  
2015 GMT

TIME MIN	CNTCT	HEIGHT GEM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CLMP M/SEC	PUT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	12.2	873.0	909.6	24.7	-5.5	240.1	7.2	6.2	3.6	306.4	314.7	2.9	13.0	0.3	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	13.9	965.4	925.0	21.5	-0.7	244.4	10.7	9.6	4.6	305.3	317.0	4.1	21.3	0.2	77.
1.0	15.3	1209.1	875.0	19.9	-1.9	238.6	8.6	7.3	4.5	305.0	316.0	3.8	22.9	0.5	69.
1.8	17.3	1457.4	850.0	17.4	-3.9	222.9	9.0	6.2	6.6	304.9	314.7	3.4	23.0	0.8	66.
2.7	19.9	1717.8	825.0	14.9	-5.9	233.2	9.0	7.2	5.4	304.8	313.8	3.0	23.1	1.3	54.
3.8	22.1	1965.9	800.0	12.5	-6.9	235.7	10.8	8.9	6.1	304.9	313.3	2.9	23.2	2.0	55.
4.8	24.5	2235.7	775.0	10.4	-7.6	244.1	12.0	10.9	4.8	305.4	313.6	2.8	27.3	2.7	56.
5.7	26.8	2507.2	750.0	9.1	-10.1	251.2	14.8	14.0	4.8	306.8	313.9	2.4	24.5	3.4	59.
6.7	29.4	2797.1	725.0	7.3	-11.7	251.9	16.7	15.9	5.2	307.7	314.2	2.1	24.3	4.3	61.
7.5	32.0	3079.0	700.0	4.4	-13.5	255.0	17.7	17.0	4.6	307.6	313.6	1.9	23.8	5.2	64.
8.3	34.8	3368.6	675.0	1.6	-15.2	257.5	17.8	17.4	3.8	317.7	313.0	1.7	27.2	6.0	65.
9.2	37.3	3671.5	650.0	-0.5	-16.3	257.0	18.1	17.7	4.1	308.5	312.9	1.4	24.6	6.9	67.
10.0	40.1	3984.5	625.0	-1.3	-17.2	256.3	18.5	17.5	6.2	311.1	314.7	1.1	20.2	7.8	68.
11.0	42.9	4308.6	600.0	-3.4	-18.9	242.3	20.0	17.7	9.3	312.3	315.6	1.0	20.3	9.0	68.
12.2	45.9	4643.8	575.0	-5.7	-20.3	236.5	20.6	17.3	11.5	313.4	316.4	0.9	21.4	10.4	67.
13.6	48.9	4991.4	550.0	-8.9	-23.9	233.2	20.4	16.8	14.0	316.0	318.8	0.8	20.2	12.2	65.
15.0	51.9	5352.8	525.0	-12.1	-26.0	231.3	24.8	19.4	15.5	317.3	319.7	0.7	20.2	14.3	63.
16.2	55.1	5727.9	500.0	-15.5	-28.2	238.9	28.8	23.6	15.5	318.3	320.4	0.6	20.5	15.9	62.
17.4	58.3	6117.6	475.0	-18.4	-30.4	233.3	28.9	21.5	16.1	318.8	320.6	0.5	21.9	17.9	61.
18.9	61.7	6523.4	450.0	-20.7	-32.8	238.9	27.9	23.9	14.4	320.1	321.6	0.4	22.1	20.3	60.
20.3	65.1	6948.4	425.0	-22.8	-35.4	242.8	33.7	30.0	15.4	325.3	326.4	0.3	18.7	25.5	60.
21.9	68.4	7395.0	400.0	-26.0	-38.4	240.9	41.4	36.2	20.1	327.2	328.6	0.2	18.9	28.3	60.
23.5	72.8	7863.6	375.0	-28.0	-40.1	240.9	41.4	36.2	22.2	328.0	328.6	0.2	18.9	30.3	60.
25.2	76.7	8360.9	350.0	-30.2	-42.7	237.5	41.3	36.9	26.4	329.1	329.1	0.1	20.9	37.5	60.
26.7	80.9	8823.5	325.0	-34.8	-45.4	236.6	45.6	37.1	26.4	329.6	329.6	0.1	20.9	42.2	59.
28.5	85.3	9368.8	300.0	-38.9	-48.9	235.3	44.8	36.9	25.5	329.6	329.6	0.1	20.9	47.1	59.
30.5	89.9	10023.5	275.0	-43.3	-51.4	237.2	42.7	35.9	23.1	331.1	331.1	0.1	20.9	53.1	59.
32.6	94.9	10658.9	250.0	-47.5	-54.9	241.0	47.2	41.3	23.9	339.7	339.7	0.1	20.9	60.0	59.
34.9	100.3	11348.9	225.0	-51.4	-58.9	241.0	47.2	41.3	26.6	344.7	339.9	0.1	20.9	68.8	59.
37.3	105.8	12108.2	200.0	-55.6	-62.9	238.7	51.3	43.9	23.9	357.1	339.9	0.1	20.9	75.1	59.
40.1	112.0	12953.3	175.0	-59.2	-66.9	238.5	45.0	38.4	16.0	370.9	339.9	0.1	20.9	82.3	59.
43.2	119.0	13928.8	150.0	-57.6	-69.9	245.7	38.8	35.4	11.5	380.0	339.9	0.1	20.9	92.5	64.
46.8	126.7	15081.4	125.0	-60.2	-72.9	254.7	50.0	48.7	10.8	404.7	339.9	0.1	20.9	101.2	62.
51.2	135.7	16457.5	100.0	-63.7	-75.9	243.3	25.1	21.5	10.8	423.3	339.9	0.1	20.9	108.0	61.
56.2	144.3	18231.5	75.0	-68.6	-79.9	236.7	19.0	15.9	0.7	455.3	339.9	0.1	20.9	107.8	61.
64.1	154.3	20725.4	50.0	-58.6	-84.9	241.5	1.5	1.3	1.0	499.9	339.9	0.1	20.9	106.1	61.
70.1	165.3	25184.8	25.0	-46.9	-99.9	258.3	5.1	5.0	1.0	649.9	339.9	0.1	20.9	106.1	61.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NC. 270  
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TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	15.4	1193.0	876.1	20.5	-12.1	240.3	6.2	5.4	3.1	315.2	310.5	1.7	10.3	0.0	0.0
00.9	99.9	99.9	1013.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
01.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
02.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
03.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
04.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
05.9	99.9	99.9	875.0	20.0	-11.2	243.1	6.6	5.9	3.0	314.0	310.5	1.9	11.5	0.0	0.0
06.9	15.3	1213.6	875.0	20.0	-11.2	243.1	6.6	5.9	3.0	314.0	310.5	1.9	11.5	0.0	0.0
07.9	17.6	1457.3	850.0	15.0	-6.8	245.3	8.7	6.5	1.6	312.2	310.1	2.7	21.5	0.7	71.0
08.9	22.2	1571.6	825.0	12.5	-9.8	246.1	9.6	6.6	1.6	312.1	309.1	2.4	21.6	1.2	70.0
09.9	22.1	1558.3	825.0	10.2	-9.1	251.7	8.2	7.8	2.6	312.3	309.4	2.4	24.6	1.5	77.0
10.9	24.6	2221.0	775.0	7.4	-11.4	256.9	9.4	9.1	2.1	312.2	308.1	2.1	24.7	2.0	75.0
11.9	26.7	2486.5	750.0	4.8	-11.6	263.1	8.9	8.7	-2.7	312.1	307.3	2.1	29.1	2.4	76.0
12.9	29.3	2764.8	725.0	2.5	-13.3	278.4	11.4	11.3	-1.7	312.4	306.1	1.9	29.9	2.9	83.0
13.9	31.9	3047.1	700.0	0.1	-15.4	285.8	18.4	18.3	1.3	312.4	307.6	1.6	29.9	3.8	85.0
14.9	34.5	3337.7	675.0	-1.5	-16.3	287.4	17.9	17.9	0.8	314.1	309.2	1.3	26.5	4.4	95.0
15.9	37.1	3637.5	650.0	-2.2	-24.9	266.9	17.4	17.4	0.5	316.6	309.1	0.8	15.5	5.1	86.0
16.9	39.9	3947.7	625.0	-3.3	-26.5	261.7	15.1	14.9	2.8	317.5	309.8	0.7	15.7	6.1	85.0
17.9	42.5	4258.0	600.0	-6.2	-28.0	251.6	22.0	20.9	7.0	318.9	311.0	0.6	15.4	8.2	83.0
18.9	45.3	4617.0	575.0	-7.8	-29.2	248.8	25.2	23.5	9.1	317.9	312.8	0.6	15.9	10.8	80.0
19.9	48.3	4943.9	550.0	-10.3	-31.1	250.8	28.2	26.0	7.0	311.9	313.6	0.5	16.1	12.5	78.0
20.9	51.4	5307.8	525.0	-12.5	-33.2	252.4	29.3	27.1	7.3	313.3	314.8	0.4	15.7	13.8	78.0
21.9	54.6	5671.3	500.0	-15.4	-35.5	247.1	25.6	23.6	9.9	314.2	315.5	0.4	16.0	15.7	77.0
22.9	57.9	6056.1	475.0	-18.5	-37.9	241.7	28.2	23.1	12.4	315.1	316.1	0.3	16.2	17.6	75.0
23.9	61.3	6457.4	450.0	-21.3	-38.4	243.1	27.8	25.0	12.1	316.5	317.5	0.3	19.5	19.5	74.0
24.9	64.9	6870.6	425.0	-24.1	-40.7	242.2	29.0	25.6	13.5	318.1	319.0	0.3	19.7	21.5	73.0
25.9	68.3	7216.4	400.0	-27.0	-42.9	242.5	35.1	31.1	15.2	319.8	320.6	0.2	20.4	24.2	72.0
26.9	72.0	7772.3	375.0	-30.8	-45.4	242.2	38.4	28.7	15.2	320.8	321.5	0.2	21.9	27.2	71.0
27.9	76.0	8244.3	350.0	-35.0	-48.8	240.6	38.2	31.8	17.0	321.5	322.0	0.1	22.6	30.1	70.0
28.9	80.1	8776.5	325.0	-39.4	-50.9	240.2	34.3	29.8	17.0	322.3	323.5	99.9	99.9	33.3	65.0
29.9	84.5	9319.0	300.0	-43.9	-53.9	242.0	34.0	30.0	16.0	323.5	324.5	99.9	99.9	36.5	68.0
30.9	89.0	9867.2	275.0	-48.3	-56.9	242.1	41.5	36.6	19.4	325.2	326.9	99.9	99.9	41.4	68.0
31.9	94.0	10511.1	250.0	-52.7	-59.9	242.4	50.4	44.7	23.3	330.7	330.9	99.9	99.9	46.8	67.0
32.9	99.2	11227.7	225.0	-57.3	-62.9	241.7	45.0	40.4	21.6	335.2	335.9	99.9	99.9	51.7	67.0
33.9	104.8	11954.5	200.0	-55.3	-65.9	237.2	58.1	48.8	31.5	343.6	343.6	99.9	99.9	58.8	66.0
34.9	110.8	12676.1	175.0	-54.7	-68.9	241.1	35.9	31.4	17.3	359.6	359.6	99.9	99.9	66.8	65.0
35.9	117.5	13792.8	150.0	-55.9	-70.9	240.4	52.5	40.9	23.5	373.9	373.9	99.9	99.9	72.9	65.0
36.9	122.0	14648.0	125.0	-57.4	-73.9	236.5	25.4	21.6	13.3	351.1	351.1	99.9	99.9	81.3	64.0
37.9	126.0	15441.1	100.0	-62.6	-76.9	241.6	29.4	25.9	14.0	406.9	406.9	99.9	99.9	87.8	64.0
38.9	133.0	16341.1	75.0	-67.3	-79.9	242.2	4.0	3.6	1.8	431.7	431.7	99.9	99.9	94.6	63.0
39.9	141.0	18111.8	50.0	-68.2	-82.9	33.8	6.5	-3.8	-5.3	508.4	508.4	99.9	99.9	94.3	63.0
40.9	149.3	22306.6	25.0	-68.3	-86.3	341.7	3.9	1.2	-3.7	681.4	681.4	99.9	99.9	93.6	63.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TSDF MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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OF POOR QUALITY

STATION NO. 327  
NASHVILLE, TENN6 MAY 1976  
2015 GMT

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TIME	GMT	HEIGHT	PPES	TEMP	DC C	DCN PT	DIR	SPEED	U CNMP	V CNMP	POT Y	E POT Y	MX RTO	MM	RANGE	AZ
MIN		FT	MB	DC C	DC C	DC C	CG	M/SFC	M/SEC	M/SEC	UG K	DC K	GM/KG	PCT	MM	DS
7.0	6.1	183.0	991.3	17.4	16.8	16.8	190.0	1.0	0.0	1.0	292.9	324.3	12.2	96.0	0.0	0.0
9.0	9.9	100.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.4	7.4	322.3	975.0	17.5	17.5	17.5	291.2	6.5	6.1	-2.3	294.8	327.0	12.6	96.5	0.5	358.0
1.3	5.5	545.0	955.0	16.8	15.3	15.3	238.3	6.3	7.0	5.6	295.8	326.3	11.6	91.0	7.5	26.0
2.1	11.5	773.0	925.0	16.8	12.8	12.8	237.5	10.5	6.8	5.6	297.9	324.8	10.1	76.9	1.1	4.0
3.0	13.8	1006.7	900.0	16.4	10.6	10.6	235.4	8.1	4.7	4.4	296.5	323.8	8.9	68.2	1.6	46.0
4.0	15.8	1244.7	875.0	15.4	9.4	9.4	230.7	5.7	5.0	2.8	370.9	324.1	6.5	67.2	1.9	48.0
4.9	18.1	1492.2	850.0	14.5	7.5	7.5	229.7	4.3	4.3	-0.7	302.4	323.5	7.7	62.8	2.2	52.0
5.9	20.4	1744.3	825.0	12.8	6.7	6.7	223.7	4.2	3.9	-1.6	303.2	323.0	7.5	65.3	2.3	57.0
7.1	22.5	2032.2	800.0	10.7	5.4	5.4	229.1	4.5	4.0	-2.2	303.5	323.2	7.1	69.9	2.5	63.0
8.1	25.7	2285.8	775.0	7.8	3.2	3.2	302.3	4.5	3.8	-2.4	303.0	320.5	6.3	72.9	2.6	68.0
9.1	27.3	2536.4	750.0	6.4	3.5	3.5	250.9	3.3	7.1	-1.2	304.4	322.9	6.6	81.3	2.8	72.0
10.2	29.9	2813.8	725.0	4.0	2.8	2.8	257.1	2.0	1.8	0.9	304.7	322.9	6.5	91.8	3.0	73.0
11.3	32.6	3059.9	700.0	2.1	1.8	1.8	235.3	2.9	2.3	1.6	305.6	323.4	6.3	98.0	3.1	72.0
12.6	35.2	3392.3	675.0	0.4	0.4	0.4	252.6	6.7	6.4	2.0	306.8	323.5	5.9	100.2	3.4	71.0
13.8	37.8	3695.2	650.0	-0.2	-0.4	-0.4	254.2	9.8	9.4	2.7	309.5	326.1	5.7	98.1	4.1	72.0
15.1	40.5	4078.9	625.0	-2.4	-2.4	-2.4	253.6	12.2	11.7	3.4	310.3	325.3	5.1	100.2	4.9	72.0
16.5	43.4	4328.2	600.0	-4.3	-4.3	-4.3	251.1	14.5	17.7	4.7	311.7	325.4	4.6	100.8	6.1	72.0
18.0	46.5	4677.3	575.0	-5.9	-5.9	-5.9	248.6	14.2	13.7	5.2	313.6	326.4	4.3	100.4	7.3	72.0
19.4	49.7	5014.7	550.0	-7.9	-8.0	-8.0	243.3	14.7	13.1	6.6	315.1	326.7	3.8	99.3	8.5	71.0
20.9	52.7	5375.9	525.0	-10.1	-10.4	-10.4	242.3	14.8	13.1	6.9	316.6	326.7	3.3	97.5	9.7	74.0
22.2	55.9	5733.7	500.0	-12.1	-12.8	-12.8	241.5	15.0	13.2	7.2	318.2	327.5	2.9	95.0	11.3	69.0
23.6	59.1	6141.6	475.0	-14.7	-15.6	-15.6	240.9	14.7	12.8	7.1	320.1	327.0	2.4	92.8	12.3	68.0
25.3	62.7	6545.2	450.0	-17.5	-18.7	-18.7	242.8	15.2	13.5	7.0	321.4	327.7	1.9	90.4	13.7	68.0
26.8	65.5	6975.5	425.0	-20.3	-21.8	-21.8	239.1	15.3	13.2	7.9	323.0	328.2	1.6	88.3	15.1	67.0
28.4	70.4	7421.9	400.0	-23.5	-25.5	-25.5	242.4	16.8	14.9	7.8	324.5	328.5	1.2	83.4	16.7	66.0
30.2	74.4	7890.4	375.0	-27.2	-29.2	-29.2	236.1	16.5	13.7	9.2	325.7	329.8	0.9	82.3	18.4	66.0
32.0	78.7	8384.7	350.0	-30.6	-33.3	-33.3	235.7	18.1	15.0	10.2	327.5	329.8	0.6	76.3	20.3	68.0
33.9	83.2	8908.6	325.0	-35.1	-39.1	-39.1	238.8	16.0	14.9	8.8	328.3	329.7	0.4	67.2	22.2	64.0
36.1	87.3	9459.3	300.0	-39.9	-43.9	-43.9	238.2	16.0	15.7	7.3	329.2	329.9	0.9	69.9	24.1	65.0
38.1	92.8	10047.2	275.0	-45.2	-49.9	-49.9	235.0	14.0	14.0	-1.2	326.7	329.9	0.9	69.9	25.9	67.0
40.4	98.3	10675.9	250.0	-53.7	-59.9	-59.9	235.6	27.1	19.4	-8.4	330.7	329.9	0.9	69.9	27.9	69.0
43.2	103.8	11355.9	225.0	-58.4	-66.0	-66.0	234.8	22.8	20.0	-11.3	333.8	329.9	0.9	69.9	30.7	74.0
46.2	110.7	12097.1	200.0	-61.1	-71.9	-71.9	234.6	22.3	20.3	-9.3	336.0	329.9	0.9	69.9	33.9	79.0
49.3	116.3	12915.8	175.0	-66.7	-79.9	-79.9	231.5	26.4	23.9	-8.3	339.9	329.9	0.9	69.9	38.3	81.0
52.8	123.7	13847.7	150.0	-64.5	-84.5	-84.5	228.5	31.8	30.7	-8.5	338.9	329.9	0.9	69.9	43.5	84.0
57.1	131.3	14860.9	125.0	-64.9	-89.9	-89.9	237.4	26.8	25.1	-9.3	377.6	329.9	0.9	69.9	50.5	88.0
62.8	139.3	16331.1	100.0	-59.1	-99.9	-99.9	236.1	22.5	20.4	-9.6	413.6	329.9	0.9	69.9	57.3	91.0
69.3	147.3	18125.9	75.0	-59.5	-99.9	-99.9	336.3	6.8	2.7	-6.3	448.3	329.9	0.9	69.9	62.8	94.0
76.0	156.3	20647.8	50.0	-60.1	-99.9	-99.9	72.2	9.5	-5.2	-1.7	501.8	329.9	0.9	69.9	63.3	96.0
90.9	165.3	25059.9	25.0	-51.9	-99.9	-99.9	326.1	6.8	0.3	-0.4	636.6	329.9	0.9	69.9	63.2	96.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE 15  
OF POOR QUALITY

STATION NO. 340  
LITTLE ROCK, ARK

6 MAY 1975  
2100 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	GEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0-0	6-1	79-0	938-0	25-0	19-4	200-0	5-2	1-2	4-9	300-3	338-3	14-4	71-3	0-1	0
0-9	90-9	90-9	1070-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
9-5	8-2	244-3	675-0	23-6	20-7	244-6	6-0	5-4	2-6	301-1	363-4	16-0	83-8	0-3	11
1-4	17-4	511-5	980-0	21-6	19-3	248-3	7-4	3-5	6-5	301-2	342-4	15-5	89-6	0-6	24
2-2	12-6	711-1	925-0	20-2	18-8	248-9	8-4	4-1	7-4	302-0	341-8	15-0	91-5	1-0	27
3-1	18-0	981-1	900-0	19-0	18-2	248-7	10-0	4-8	7-4	303-1	342-7	14-8	95-1	1-5	28
4-0	17-3	1223-1	875-0	16-6	15-5	214-5	17-4	5-9	9-6	302-8	337-3	12-2	93-2	2-0	28
4-8	19-7	1405-2	850-0	15-1	13-1	217-3	11-3	6-8	9-0	303-5	333-9	11-2	87-7	2-5	30
5-6	21-9	1722-2	825-0	13-6	11-4	217-7	11-4	7-0	9-1	304-4	332-7	10-3	86-4	3-1	31
6-5	24-6	1951-5	800-0	11-8	7-7	216-4	11-5	6-8	5-3	304-8	327-9	8-3	76-2	3-7	32
7-1	26-9	2297-5	775-0	11-0	7-6	212-0	11-0	5-8	5-3	305-4	327-0	8-5	79-6	4-2	33
8-3	29-6	2521-1	750-0	9-7	5-2	209-3	9-8	4-8	4-8	308-1	329-1	7-4	73-5	4-9	34
9-2	32-3	2812-2	725-0	7-5	3-5	216-8	9-0	5-4	7-2	308-6	328-1	6-9	75-5	5-4	35
10-5	35-3	3100-6	700-0	5-2	2-3	229-7	9-0	6-9	5-8	309-1	327-0	6-5	77-6	6-0	36
11-9	37-7	3387-8	675-0	3-8	1-6	237-3	8-4	7-1	4-5	310-8	329-2	6-4	81-0	6-7	37
13-2	40-4	3654-4	650-0	2-4	-2-2	244-0	8-4	7-6	3-4	312-4	327-2	5-7	71-6	7-3	38
14-5	43-3	4017-7	625-0	0-5	-3-7	255-1	10-9	10-5	2-8	313-6	327-4	4-7	73-4	7-9	41
15-7	46-3	4337-5	600-0	-1-2	-8-0	259-4	12-5	12-6	2-6	315-2	325-8	3-5	56-6	8-6	44
16-8	49-3	4675-6	575-0	-3-6	-13-6	260-7	15-9	14-7	2-6	316-0	323-3	2-3	45-7	9-4	47
17-9	52-3	5125-9	550-0	-5-7	-17-3	263-8	16-1	16-0	1-7	317-6	323-5	1-9	42-6	10-2	50
18-9	55-4	5399-3	525-0	-8-2	-19-4	268-6	14-2	14-2	0-3	318-7	323-6	1-5	36-0	11-1	54
20-2	58-5	5765-6	500-0	-11-5	-15-4	268-0	13-5	13-1	3-3	319-3	320-6	2-3	32-4	12-0	56
21-6	62-1	6146-5	475-0	-14-4	-22-4	268-9	15-6	14-4	6-1	320-3	324-7	1-3	25-3	13-1	58
23-1	65-5	6505-9	450-0	-16-4	-23-3	239-2	17-6	15-2	9-0	322-8	327-1	1-3	21-0	14-2	58
25-1	69-1	6908-1	425-0	-18-7	-24-2	243-1	15-7	14-0	7-1	325-2	329-4	1-3	16-7	15-7	58
27-0	72-7	7443-9	400-0	-21-5	-30-7	251-7	19-8	17-8	5-9	327-0	324-6	0-7	10-2	16-6	59
28-5	76-7	7916-1	375-0	-25-3	-36-1	270-7	20-0	20-0	-0-2	328-0	324-0	0-2	1-0	17-1	61
30-1	80-7	8412-1	350-0	-29-9	-42-3	268-8	24-1	24-1	0-1	329-3	328-3	0-0	1-5	18-1	64
31-6	85-0	8935-3	325-0	-34-1	-48-3	270-7	26-5	26-5	-0-3	329-5	329-6	0-0	3-9	19-4	66
33-3	89-3	9497-7	300-0	-38-8	-54-0	267-4	28-7	28-6	1-2	330-6	329-9	99-9	99-9	20-9	69
35-2	94-2	10081-3	275-0	-44-0	-60-9	263-1	25-8	25-6	3-1	331-6	329-9	99-9	99-9	22-8	70
37-1	99-7	10714-6	250-0	-48-5	-66-5	271-1	25-8	25-8	-0-5	332-9	329-9	99-9	99-9	24-7	72
39-2	104-3	11401-1	225-0	-53-2	-72-1	272-1	25-5	25-5	-0-9	337-0	329-9	99-9	99-9	26-6	75
41-3	110-3	12150-0	200-0	-58-5	-78-3	272-3	25-0	25-0	-1-7	336-2	329-9	99-9	99-9	28-5	77
44-3	115-9	12978-4	175-0	-62-6	-84-0	271-9	38-4	38-4	-1-3	346-7	329-9	99-9	99-9	30-4	79
48-0	124-3	13928-6	150-0	-63-7	-89-9	264-0	39-1	38-9	-2-7	350-4	329-9	99-9	99-9	32-4	80
52-4	129-3	15048-6	125-0	-66-7	-95-9	272-1	29-6	29-6	-1-1	377-8	329-9	99-9	99-9	34-4	81
57-6	136-3	16415-9	100-0	-68-3	-99-9	271-4	32-2	32-2	-0-8	437-3	329-9	99-9	99-9	36-4	82
63-9	142-8	18146-2	75-0	-62-9	-99-9	309-8	11-3	8-7	-7-2	451-2	329-9	99-9	99-9	38-4	84
72-3	149-5	21704-5	50-0	-61-2	-99-9	14-7	5-4	-1-6	-5-2	459-4	329-9	99-9	99-9	40-4	86
80-1	156-3	25139-1	25-0	-49-2	-99-9	278-8	3-6	3-6	-0-8	464-0	329-9	99-9	99-9	42-4	88

0 BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 MAY 1975  
2100 GMT

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KS	PH PCT	157 RANGE KM	9.0 AZ DEG
00.0	0.1	438.0	956.0	26.1	19.7	200.0	5.2	1.8	4.9	305.2	346.6	13.4	68.0	0.0	0.0
00.9	0.2	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.8	0.3	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.7	0.4	493.7	950.0	25.1	18.9	203.8	7.2	2.9	6.6	307.7	344.2	14.6	68.2	0.1	26.0
03.6	0.5	727.5	925.0	22.7	17.4	210.3	7.8	4.6	6.3	309.3	341.3	13.7	72.2	0.6	38.0
04.5	0.6	516.0	900.0	20.8	16.0	225.7	7.9	6.0	5.1	309.7	339.6	12.8	73.0	1.1	39.0
05.4	0.7	1275.3	875.0	18.4	14.6	229.7	9.2	7.3	5.6	304.6	337.5	12.1	78.6	1.7	44.0
06.3	0.8	1457.8	850.0	16.3	13.1	229.2	10.2	7.7	6.6	308.7	335.8	11.4	82.4	2.3	48.0
07.2	0.9	1711.1	825.0	14.9	10.8	227.1	9.9	7.2	6.7	303.7	333.1	10.0	76.8	2.9	46.0
08.1	1.0	1711.1	800.0	12.4	10.3	221.0	16.6	7.0	8.0	305.7	333.1	9.9	86.8	3.6	46.0
09.0	1.1	2238.0	775.0	10.6	9.3	220.1	9.6	7.2	7.4	308.5	332.9	9.6	91.7	4.3	45.0
10.0	1.2	2510.9	750.0	8.6	7.0	215.8	6.2	4.8	6.7	307.1	330.7	8.4	89.6	4.8	44.0
11.0	1.3	2790.8	725.0	7.3	-5.2	205.8	7.6	3.4	6.8	308.0	319.6	3.6	40.6	5.2	43.0
12.0	1.4	3080.1	700.0	7.2	-9.0	205.2	7.7	3.4	6.9	310.8	319.2	2.8	30.6	5.7	41.0
13.0	1.5	3377.8	675.0	5.0	-10.2	218.2	7.5	4.6	5.9	311.5	319.5	2.6	32.2	6.2	41.0
14.0	1.6	3684.2	650.0	2.1	-12.0	228.7	7.2	5.0	5.1	311.6	318.8	2.3	34.3	6.7	41.0
15.0	1.7	3999.3	625.0	-0.0	-13.3	228.3	11.0	6.2	7.3	312.7	319.5	2.2	35.9	7.4	41.0
16.0	1.8	4324.8	600.0	-2.7	-14.0	241.9	13.9	12.2	6.5	313.3	320.0	2.2	41.4	8.3	43.0
17.0	1.9	4660.2	575.0	-6.1	-15.5	246.9	16.5	15.2	6.5	313.0	319.3	2.0	47.5	9.5	46.0
18.0	2.0	5006.4	550.0	-8.8	-17.2	248.0	17.4	16.1	6.5	313.8	319.5	1.8	51.0	10.6	48.0
19.0	2.1	5355.7	525.0	-10.7	-19.4	241.3	15.8	13.8	7.6	315.7	319.3	1.1	54.2	11.8	50.0
20.0	2.2	5718.7	500.0	-14.2	-25.8	230.0	17.0	13.0	10.9	315.8	319.9	0.9	56.4	13.1	51.0
21.0	2.3	6125.9	475.0	-16.9	-30.1	230.7	25.2	15.6	12.8	317.1	319.3	0.7	58.4	14.6	50.0
22.0	2.4	6532.0	450.0	-17.6	-32.2	227.7	22.8	16.6	15.6	321.2	323.1	0.6	60.4	16.4	50.0
23.0	2.5	6937.4	425.0	-20.6	-25.4	227.0	20.7	15.2	14.1	322.7	325.5	1.1	65.3	18.6	50.0
24.0	2.6	7403.1	400.0	-24.0	-29.6	231.6	19.2	15.0	11.9	323.6	327.4	1.1	77.4	20.3	50.0
25.0	2.7	7879.6	375.0	-28.0	-29.6	235.1	19.0	15.6	10.9	325.5	327.4	0.9	86.5	22.2	50.0
26.0	2.8	8362.4	350.0	-31.7	-32.8	234.0	14.7	11.9	6.7	326.0	328.4	0.7	89.6	23.9	50.0
27.0	2.9	8852.2	325.0	-35.7	-30.4	237.8	12.1	10.2	6.4	327.5	329.7	0.3	91.1	25.2	51.0
28.0	3.0	9344.3	300.0	-39.6	-28.9	259.6	16.8	15.8	5.6	329.4	330.0	0.1	96.3	26.4	51.0
29.0	3.1	10024.1	275.0	-43.9	-29.9	261.6	24.4	25.1	3.6	331.7	330.9	99.9	99.9	28.9	54.0
30.0	3.2	10656.6	250.0	-49.2	-29.9	256.2	27.9	27.4	5.2	333.0	330.9	99.9	99.9	31.7	56.0
31.0	3.3	11339.9	225.0	-54.5	-29.9	249.7	32.3	36.3	11.1	335.0	330.9	99.9	99.9	35.4	58.0
32.0	3.4	12085.0	200.0	-59.4	-29.9	257.5	29.5	28.2	10.0	336.8	330.9	99.9	99.9	38.9	59.0
33.0	3.5	12913.6	175.0	-62.9	-29.9	254.5	30.5	29.4	8.1	340.1	330.9	99.9	99.9	43.2	61.0
34.0	3.6	13842.5	150.0	-62.6	-29.9	256.7	30.1	29.3	6.9	342.3	330.9	99.9	99.9	47.7	62.0
35.0	3.7	14588.9	125.0	-61.8	-29.9	268.8	14.0	16.0	0.3	343.1	330.9	99.9	99.9	54.2	64.0
36.0	3.8	15375.2	100.0	-57.5	-29.9	291.3	13.4	12.5	-4.9	410.7	330.9	99.9	99.9	61.1	66.0
37.0	3.9	16196.5	75.0	-61.8	-29.9	298.9	9.4	4.7	-2.6	443.4	330.9	99.9	99.9	63.5	68.0
38.0	4.0	20497.9	50.0	-68.5	-29.9	41.9	2.3	-1.5	-1.7	502.7	330.9	99.9	99.9	64.0	69.0
39.0	4.1	25000.5	25.0	-89.3	-29.9	342.7	2.5	0.7	-2.4	641.7	330.9	99.9	99.9	62.2	70.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 353  
OKLAHOMA CITY, OKLA

6 MAY 1975  
2015 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.1	9.1	392.0	900.0	26.4	6.9	250.2	5.2	4.9	1.8	304.0	323.3	6.5	29.7	3.0	7.0
98.9	98.9	90.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	10.3	480.2	950.0	25.9	8.9	261.5	10.2	10.1	1.5	304.5	323.6	7.6	34.1	0.2	75.0
0.9	12.3	717.5	925.0	23.1	6.4	258.5	8.7	8.5	1.7	303.9	323.2	6.6	34.0	0.4	79.0
1.5	14.4	655.2	905.0	20.7	4.3	256.7	6.7	6.5	1.5	303.6	320.7	5.8	34.0	0.7	77.0
2.2	16.5	1197.4	875.0	18.2	2.3	259.7	6.5	6.4	1.2	303.4	318.3	5.2	34.6	0.9	78.0
3.1	18.8	1444.6	850.0	16.2	-0.1	251.3	9.7	9.2	3.1	303.8	316.5	4.5	32.8	1.4	77.0
4.0	21.1	1697.8	825.0	15.4	-4.1	240.0	13.4	11.6	6.7	303.3	315.3	3.4	25.9	2.0	74.0
4.9	23.4	1557.3	805.0	13.0	-6.1	230.4	13.0	10.0	8.3	305.4	314.4	3.0	25.9	2.7	69.0
5.9	25.9	2222.9	775.0	11.1	-7.1	221.7	13.7	10.1	9.2	306.1	314.7	2.9	27.2	3.4	84.0
6.8	28.4	2434.9	750.0	8.3	-9.4	231.5	16.7	13.5	9.9	305.9	313.4	2.5	27.4	4.2	61.0
7.8	31.1	2773.5	725.0	5.7	-11.0	237.1	17.9	15.0	9.7	306.0	312.9	2.3	28.9	5.4	61.0
9.0	33.9	3059.6	700.0	4.2	-11.9	224.6	17.3	12.1	12.3	307.4	314.3	2.2	29.8	6.6	59.0
10.1	36.2	3355.0	675.0	3.1	-11.9	204.2	16.2	6.6	14.8	308.4	316.3	2.3	32.1	7.6	56.0
11.4	39.3	3659.9	650.0	1.6	-10.4	168.8	19.1	5.5	17.1	311.1	319.2	2.7	40.5	9.6	51.0
12.6	41.7	3975.4	625.0	-0.1	-6.7	204.9	21.5	9.9	21.3	312.8	324.7	3.7	61.3	11.0	43.0
13.7	44.6	4331.3	600.0	-2.1	-15.4	209.8	27.0	13.4	23.4	313.9	319.9	1.9	35.1	11.7	43.0
14.9	47.8	4637.4	575.0	-5.3	-20.7	212.2	25.2	13.4	21.3	313.9	318.1	1.3	28.7	13.5	42.0
16.2	50.7	4997.5	550.0	-6.8	-26.1	214.6	26.1	15.8	21.5	316.1	318.9	0.8	19.7	15.5	41.0
17.5	53.3	5246.5	525.0	-9.9	-28.6	214.3	27.5	15.5	22.7	316.5	318.8	0.7	19.9	17.6	40.0
18.9	56.9	5520.8	500.0	-12.5	-30.7	213.7	27.9	15.4	23.2	317.8	317.8	0.6	20.0	19.9	39.0
20.4	60.3	6110.7	475.0	-14.9	-32.7	217.8	30.8	18.9	24.4	319.5	321.2	0.5	20.2	22.5	39.0
21.9	63.9	6517.6	450.0	-18.3	-35.5	223.3	26.7	19.2	19.5	323.2	321.7	0.4	20.4	25.2	39.0
23.6	67.3	6941.3	425.0	-21.6	-38.2	227.3	22.1	16.2	15.0	321.3	322.4	0.3	20.6	27.5	39.0
25.3	71.1	7284.3	400.0	-25.0	-41.6	231.1	22.4	17.5	14.1	321.5	322.3	0.2	20.8	29.8	40.0
26.9	74.9	7648.4	375.0	-29.7	-44.9	234.7	27.1	22.1	15.6	322.2	322.9	0.2	21.1	32.1	41.0
28.7	79.1	8336.9	350.0	-33.4	-48.0	239.7	20.4	17.6	10.3	323.7	323.7	0.1	21.3	34.5	42.0
30.6	83.2	8434.1	325.0	-36.5	-50.6	246.4	20.0	18.4	6.0	326.3	328.7	0.1	21.5	36.4	44.0
32.6	87.6	9405.0	300.0	-40.1	-52.9	240.5	33.8	29.4	16.7	328.8	999.9	99.9	99.9	39.7	45.0
34.8	92.4	9902.9	275.0	-44.7	-56.9	243.1	35.7	31.8	16.2	330.5	999.9	99.9	99.9	43.7	47.0
37.3	97.3	11624.7	250.0	-48.7	-59.9	240.9	41.1	35.9	20.0	333.7	999.9	99.9	99.9	49.2	48.0
39.6	102.5	11310.6	225.0	-53.1	-62.9	247.9	36.0	33.3	13.5	337.2	999.9	99.9	99.9	55.1	57.0
42.3	107.5	12363.2	200.0	-57.3	-65.9	248.9	37.6	35.2	13.6	342.3	999.9	99.9	99.9	61.0	52.0
45.3	114.7	12906.2	175.0	-62.4	-69.9	242.1	38.0	33.0	17.8	353.5	999.9	99.9	99.9	68.1	53.0
49.0	121.3	13876.9	150.0	-67.3	-73.9	241.3	25.2	22.3	12.2	371.3	999.9	99.9	99.9	74.0	54.0
53.4	128.7	15023.0	125.0	-61.6	-69.9	252.7	16.1	15.3	4.8	363.5	999.9	99.9	99.9	79.8	56.0
58.4	136.3	16479.3	100.0	-62.5	-69.9	237.3	22.2	18.6	12.0	407.1	999.9	99.9	99.9	87.6	54.0
64.9	144.3	18158.3	75.0	-64.4	-69.9	248.0	16.9	18.9	0.4	436.0	999.9	99.9	99.9	93.4	58.0
73.5	182.8	20717.2	50.0	-59.7	-59.9	54.2	11.1	-8.9	-6.7	502.8	999.9	99.9	99.9	92.8	59.0
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

1 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

2 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 354  
TINIAN AFB, U.S.A.

6 MAY 1975  
2101 GMT

183 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIP DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T UG K	MX RTO GM/KG	RH PCT	RANGE AZ KM	DEG
00.0	0.1	393.2	959.8	27.3	10.2	240.0	5.1	4.4	2.6	305.2	329.7	5.6	16.0	7.0	0
00.9	00.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.8	00.9	99.9	978.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.7	00.9	423.8	950.0	25.9	6.4	63.2	6.3	-5.8	-2.9	304.0	322.3	6.4	28.0	0.2	246
03.6	10.3	717.0	926.0	23.4	4.2	62.0	6.3	-5.5	-2.9	304.0	319.8	5.6	28.8	0.5	246
04.5	14.1	954.9	926.2	21.0	3.4	63.0	6.3	-5.6	-2.9	303.9	319.3	5.5	31.4	3.9	246
05.4	16.3	1137.1	875.0	18.1	1.7	63.2	5.6	-5.0	-2.9	303.2	317.4	5.0	33.4	1.1	243
06.3	18.6	1444.2	850.0	15.8	1.5	69.6	7.7	-7.2	-2.9	303.3	317.6	5.0	37.9	1.5	244
07.2	20.8	1697.0	825.0	14.9	-4.7	57.7	12.2	-10.3	-8.5	304.8	316.4	3.3	25.5	2.1	244
08.1	23.1	1956.4	800.0	13.4	-6.7	55.2	14.5	-11.9	-8.3	305.6	316.3	2.9	24.1	3.1	241
09.0	25.5	2222.3	775.0	11.0	-8.7	57.0	15.7	-13.2	-8.6	306.0	315.7	2.6	24.1	4.1	240
10.0	27.8	2494.3	750.0	8.6	-10.7	60.4	16.1	-15.4	-8.9	306.2	315.0	2.3	24.2	5.2	240
10.9	30.4	2773.8	725.0	6.9	-11.4	57.2	18.3	-15.4	-8.9	307.3	314.0	2.3	25.7	6.4	240
11.8	33.2	3060.8	700.0	4.7	-11.5	43.5	16.9	-11.7	-12.3	308.0	314.9	2.3	29.5	7.5	239
12.7	36.5	3357.2	675.0	3.8	-11.3	23.9	17.2	-9.9	-15.7	310.2	317.5	2.4	32.2	8.6	236
13.6	38.2	3653.0	650.0	2.2	-7.1	24.8	23.3	-9.7	-21.1	311.9	322.3	3.5	50.2	9.9	2
14.5	40.5	3978.7	625.0	0.2	-13.6	31.8	26.0	-13.6	-23.8	312.9	319.6	2.2	34.8	11.9	22.1
15.4	43.6	4303.7	600.0	-3.3	-16.6	29.8	27.2	-13.7	-23.6	312.6	316.0	1.7	34.6	14.3	224
16.3	46.6	4638.8	575.0	-5.9	-24.0	31.6	27.1	-14.2	-23.1	313.2	316.3	1.0	22.3	16.5	222
17.2	49.6	4985.6	550.0	-7.9	-27.2	34.3	27.3	-15.4	-22.6	314.7	317.2	0.7	19.3	18.5	221
18.1	52.5	5346.2	525.0	-9.8	-29.7	38.9	28.7	-16.8	-22.3	316.7	318.0	0.6	17.8	20.8	220
19.0	55.6	5721.0	500.0	-12.2	-31.6	37.9	31.6	-19.4	-25.0	318.2	320.1	0.5	17.9	23.4	220
20.0	58.9	6110.5	475.0	-15.5	-34.3	40.3	23.5	-15.2	-17.9	318.7	320.3	0.4	18.2	26.1	220
20.9	62.3	6516.8	450.0	-18.3	-36.5	41.3	33.3	-22.0	-25.0	320.2	321.5	0.4	18.4	29.7	220
21.8	65.7	6939.4	425.0	-22.4	-39.8	49.8	22.2	-16.9	-15.3	321.3	321.3	0.3	18.6	31.8	221
22.7	69.3	7381.7	400.0	-25.8	-42.6	52.4	25.7	-20.3	-15.6	321.4	322.2	0.2	18.9	34.3	221
23.6	73.2	7849.6	375.0	-29.0	-45.6	54.4	20.9	-17.0	-12.2	322.5	323.2	0.2	19.1	37.0	222
24.5	77.2	8334.8	350.0	-33.6	-48.5	53.6	17.1	-15.3	-8.6	324.1	325.6	0.1	19.4	38.9	223
25.4	81.3	8822.3	325.0	-36.5	-51.4	57.0	30.2	-25.4	-16.5	326.3	326.7	0.1	19.6	41.1	224
26.3	85.3	9303.0	300.0	-40.5	-54.9	64.9	31.1	-28.2	-13.2	328.3	328.9	99.9	99.9	44.8	225
27.2	89.6	9799.9	275.0	-45.4	-59.9	62.7	41.8	-37.2	-19.2	329.4	329.4	99.9	99.9	49.1	227
28.1	94.7	10219.7	250.0	-49.6	-64.9	99.9	99.9	99.9	99.9	332.4	332.4	99.9	99.9	99.9	99.9
29.0	99.6	10619.7	225.0	-54.0	-69.9	99.9	99.9	99.9	99.9	335.8	335.8	99.9	99.9	99.9	99.9
30.0	105.3	11172.6	200.0	-57.7	-74.9	65.5	41.1	-37.4	-17.1	341.3	341.3	99.9	99.9	65.2	231
30.9	111.0	11692.4	175.0	-59.4	-79.9	63.8	37.9	-34.0	-15.7	351.9	351.9	99.9	99.9	71.4	233
31.8	117.3	12264.2	150.0	-58.9	-84.9	64.0	29.5	-26.5	-12.9	368.7	368.7	99.9	99.9	77.4	236
32.7	124.7	12894.3	125.0	-61.5	-89.9	74.1	18.7	-18.0	-8.1	383.7	383.7	99.9	99.9	82.1	235
33.6	132.3	13580.5	100.0	-63.4	-94.9	61.5	16.9	-14.8	-5.1	405.3	405.3	99.9	99.9	84.8	235
34.5	140.5	14313.0	75.0	-63.6	-99.9	98.1	17.1	-17.0	-1.5	436.5	436.5	99.9	99.9	91.3	237
35.4	148.7	15053.4	50.0	-60.5	-99.9	223.6	4.8	3.3	3.5	501.1	501.1	99.9	99.9	97.7	238
36.3	157.3	15885.8	25.0	-50.8	-99.9	142.1	3.9	-2.4	3.1	630.1	630.1	99.9	99.9	97.6	237

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
AMARILLO, TEX

6 MAY 1978  
2025 GMT

112 100 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.1	13.6	1095.7	842.0	19.1	-13.0	240.1	11.3	9.8	5.7	303.4	309.2	1.6	10.0	0.7	0
00.9	00.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	14.2	1163.1	875.0	17.2	-4.9	242.6	14.7	13.0	6.8	322.1	310.9	3.0	21.6	0.5	75
0.7	15.1	1639.0	850.0	14.8	-0.1	243.5	15.7	13.4	5.9	302.0	313.4	2.9	23.0	0.7	71
1.5	18.3	1659.7	825.0	11.7	-7.4	246.3	14.7	13.5	5.9	301.3	308.8	2.6	24.7	1.4	58
2.3	20.4	1915.5	800.0	8.9	-9.9	244.8	13.8	12.5	5.9	301.0	307.6	2.2	25.1	2.1	67
3.3	22.5	2177.2	775.0	6.8	-11.7	246.4	11.6	10.6	4.6	301.4	307.6	2.0	25.2	2.8	67
4.2	24.5	2445.0	750.0	3.9	-14.1	249.5	13.5	12.3	4.6	301.4	306.2	1.7	25.3	3.5	67
5.2	26.9	2719.1	725.0	1.6	-16.0	249.5	13.1	12.3	4.6	301.4	306.0	1.5	25.4	4.3	67
5.8	29.3	3011.7	700.0	1.2	-15.8	250.8	13.5	12.4	4.4	304.0	307.5	1.1	19.1	4.8	67
6.6	31.8	3213.1	675.0	-0.3	-21.0	248.7	16.5	17.2	4.7	305.4	308.7	1.1	19.2	5.5	57
7.5	34.3	3438.6	650.0	-0.9	-21.5	244.8	21.1	19.1	6.0	304.1	311.4	1.1	19.2	6.6	58
8.4	36.6	3917.3	625.0	-1.7	-22.1	234.8	21.3	17.4	12.3	310.6	311.4	1.0	19.2	7.9	67
9.4	39.2	4230.6	600.0	-4.1	-24.0	229.5	23.2	17.6	15.0	311.5	314.4	0.9	19.4	9.7	68
10.3	41.9	4564.9	575.0	-6.4	-25.9	227.6	23.0	17.0	15.0	312.5	315.2	0.8	19.5	10.3	62
11.2	44.6	4911.0	550.0	-8.9	-27.9	229.1	23.0	17.3	15.0	313.6	318.9	0.7	19.7	11.4	67
12.0	47.4	5245.4	525.0	-11.0	-29.3	233.9	23.4	18.9	13.8	314.6	316.7	0.6	21.3	12.6	67
13.0	50.3	5641.8	500.0	-13.7	-31.2	235.1	26.1	21.4	14.9	316.4	318.3	0.6	21.1	14.1	59
14.1	53.3	6079.5	475.0	-16.0	-33.9	237.7	26.9	21.4	16.3	317.4	319.0	0.5	20.6	15.9	59
15.2	56.1	6433.5	450.0	-19.5	-36.3	238.2	27.3	20.3	18.2	318.7	320.0	0.4	20.8	17.7	58
16.2	59.5	6855.3	425.0	-22.8	-38.6	230.2	28.6	22.0	18.3	319.8	320.9	0.3	21.5	19.3	57
17.4	63.1	7296.8	400.0	-26.0	-40.7	228.3	31.7	23.6	21.2	321.1	322.1	0.3	23.4	21.3	56
18.4	66.3	7761.0	375.0	-29.8	-43.9	230.3	32.8	25.2	21.0	322.4	323.1	0.2	23.3	23.3	56
19.7	70.0	8249.4	350.0	-33.4	-46.7	233.0	32.0	25.5	19.3	323.6	324.2	0.2	24.6	25.8	55
21.0	73.7	8745.6	325.0	-37.4	-50.1	233.9	34.5	27.9	20.1	325.1	325.5	0.1	24.7	28.3	55
22.2	77.7	9312.5	300.0	-42.3	-54.9	234.6	37.8	30.8	21.9	325.7	326.9	0.0	24.7	31.1	55
23.7	81.8	9894.4	275.0	-47.0	-59.9	235.1	37.4	30.7	21.4	327.2	328.9	0.0	24.7	34.4	55
25.3	86.2	10519.5	250.0	-51.3	-64.5	237.2	39.8	33.5	21.5	329.6	330.9	0.0	24.7	38.1	55
27.0	91.2	11199.1	225.0	-54.5	-69.9	240.8	39.8	34.6	19.3	335.0	336.0	0.0	24.7	41.8	56
28.8	96.4	11647.8	200.0	-57.2	-74.5	241.6	39.4	34.9	18.3	342.2	343.2	0.0	24.7	46.4	56
30.9	102.0	12390.5	175.0	-57.7	-79.9	241.6	41.4	36.4	19.7	354.7	356.7	0.0	24.7	51.2	57
33.2	108.3	13772.5	150.0	-54.4	-99.9	246.6	38.2	35.1	15.2	376.3	378.3	0.0	24.7	56.0	57
35.8	115.5	14939.3	125.0	-56.0	-97.9	225.1	27.1	19.2	19.1	393.6	395.6	0.0	24.7	61.6	58
39.1	124.0	16345.1	100.0	-59.8	-96.9	99.9	99.9	99.9	99.9	412.3	414.3	0.0	24.7	66.6	58
40.9	99.9	99.9	75.0	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
59.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TIME MEANS TEMPERATURE CO TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365  
 ALBUQUERQUE, N.MEX.

 6 MAY 1975  
 2015 GMT

TIME MIN	CHTCT	HEIGHT CFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PQT T DEG K	E PUT T DEG K	MR RTO GM/KG	PH PCT	RANGE AZ NM	10. 0
0.7	20.8	1619.0	831.0	13.9	-12.3	226.0	10.3	6.6	7.9	372.9	308.3	1.8	19.0	0.0	0
09.9	99.9	99.9	1600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.0	23.4	1936.1	800.0	7.3	-15.5	239.4	11.3	9.7	5.7	259.1	303.3	1.8	17.6	0.3	44
1.6	25.6	2194.1	775.0	4.9	-16.6	246.3	11.5	12.5	4.8	299.3	303.3	1.3	18.9	1.1	55
2.1	28.9	2459.9	750.0	2.1	-17.5	249.7	10.6	17.0	3.7	299.1	303.9	1.3	21.6	1.4	58
2.7	30.5	2732.4	725.0	-0.2	-18.2	254.2	9.1	8.7	2.8	299.4	303.2	1.3	24.2	1.8	61
3.2	33.1	3011.8	700.0	-2.9	-19.0	261.7	8.9	8.6	1.3	299.4	303.1	1.2	27.7	2.0	63
3.9	35.5	3298.3	675.0	-5.8	-19.5	272.6	9.7	9.7	-0.4	299.3	303.9	1.2	33.1	2.3	66
4.3	38.1	3582.4	650.0	-8.6	-20.1	272.0	10.4	10.4	-0.4	299.3	303.9	1.2	38.7	2.6	70
5.9	40.7	3894.9	625.0	-11.6	-20.7	275.1	12.5	12.4	1.5	299.1	303.7	1.2	47.5	3.6	74
7.1	43.4	4235.9	600.0	-14.8	-21.6	261.1	13.3	13.2	2.1	299.1	303.6	1.1	55.8	4.6	76
8.1	46.3	4526.8	575.0	-16.6	-24.1	266.2	17.6	17.5	1.8	300.6	303.5	0.9	52.0	5.4	77
8.9	49.3	4809.0	550.0	-17.9	-29.3	269.7	25.6	25.3	4.1	302.9	303.8	0.6	35.9	6.5	78
9.8	52.0	5207.5	525.0	-18.7	-33.4	259.2	32.6	32.0	6.1	305.9	307.3	0.4	28.1	8.1	78
11.1	55.3	5573.3	500.0	-19.8	-34.3	256.8	35.6	34.7	8.1	308.9	310.3	0.4	26.1	10.7	78
12.6	57.9	5911.0	475.0	-20.1	-34.5	249.6	42.1	39.5	14.5	313.1	315.8	0.4	26.1	15.3	77
14.2	61.1	6399.9	450.0	-22.7	-36.8	248.9	44.4	41.4	16.0	314.7	318.9	0.4	26.2	18.3	78
15.6	64.6	6879.0	425.0	-25.4	-39.1	249.5	44.2	47.8	17.7	316.4	317.5	0.3	26.4	22.2	78
17.2	67.9	7235.1	400.0	-27.7	-41.1	244.2	45.7	49.2	19.9	318.9	319.9	0.3	26.4	26.5	72
19.0	71.3	7656.7	375.0	-30.1	-43.1	241.8	46.6	39.3	21.1	321.7	322.8	0.2	26.5	31.3	71
20.9	75.2	8135.0	350.0	-33.0	-45.6	240.9	47.1	41.2	22.9	324.2	324.8	0.2	26.7	36.3	70
22.6	78.2	8611.9	325.0	-37.2	-49.3	241.9	48.4	42.7	23.7	327.9	325.8	0.1	26.9	41.4	66
24.1	81.2	9220.8	300.0	-40.8	-50.9	239.4	44.6	39.4	23.7	327.9	325.8	0.1	26.9	45.4	68
26.0	87.5	9856.2	275.0	-46.0	-50.9	235.6	41.1	34.0	23.2	328.6	325.9	0.1	26.9	50.4	67
28.3	92.2	10435.3	250.0	-50.0	-50.9	237.1	38.9	32.7	21.1	331.7	325.9	0.1	26.9	55.4	66
30.7	97.9	11117.2	225.0	-53.7	-50.9	247.5	46.5	40.4	22.9	336.2	325.9	0.1	26.9	62.4	65
33.2	102.3	11873.2	200.0	-54.8	-50.9	231.0	38.7	30.1	22.3	345.9	325.9	0.1	26.9	67.7	65
34.6	106.3	12735.8	175.0	-50.9	-50.9	239.9	31.5	27.2	15.6	365.9	325.9	0.1	26.9	74.0	64
36.3	114.3	13729.2	150.0	-54.4	-50.9	244.7	24.1	26.3	12.6	376.0	325.9	0.1	26.9	78.4	64
43.9	121.3	16932.0	125.0	-59.1	-50.9	230.6	21.3	16.4	13.5	395.2	325.9	0.1	26.9	87.2	63
48.7	129.7	18317.7	100.0	-57.2	-50.9	251.6	18.6	17.8	9.9	417.3	325.9	0.1	26.9	92.5	63
54.1	137.3	18132.2	75.0	-50.3	-50.9	211.6	15.3	9.0	13.0	446.4	325.9	0.1	26.9	98.7	62
61.9	146.3	20678.0	50.0	-58.7	-50.9	8.2	6.7	-1.0	-0.4	505.2	325.9	0.1	26.9	100.3	62
73.9	152.3	25118.9	25.0	-51.7	-50.9	269.1	6.3	0.3	0.1	636.3	325.9	0.1	26.9	100.0	62

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL6 MAY 1975  
2107 GMT

TIME MIN	CNTCT	HEIGHT FT	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V CORP M/SEC	PCT DG	E POT T DG K	MR RTO GM/KG	RM PCT	RANGE NM	AZ DEG
5.8	99.9	175.0	988.4	20.5	18.4	230.2	5.2	4.0	3.3	294.5	332.1	13.7	88.0	186	19.0
6.3	99.9	175.0	1000.0	19.9	18.4	230.2	5.2	4.0	3.3	294.5	332.1	13.7	88.0	186	19.0
6.8	99.9	293.4	975.0	19.9	17.9	180.8	17.7	1.5	9.9	99.9	999.9	99.9	99.9	99.9	99.9
1.1	6.2	517.4	950.0	18.2	17.0	180.8	17.7	1.5	10.6	297.0	332.1	13.4	98.1	7.3	393.
1.7	11.4	746.2	925.0	17.0	15.6	197.9	13.1	4.0	12.3	297.4	331.5	13.0	93.0	5.6	3.
2.5	13.8	900.4	900.4	16.5	12.9	184.1	11.3	0.8	12.4	298.3	332.4	12.2	91.5	1.2	17.
3.2	16.1	1227.2	875.0	15.0	12.5	175.8	11.7	0.8	11.3	299.9	326.1	10.8	91.5	1.2	17.
4.3	18.5	1466.1	850.0	14.1	10.5	178.4	8.2	-0.2	8.2	302.2	327.9	9.4	89.1	2.7	6.
4.6	20.9	1718.0	825.0	13.1	9.1	193.2	5.3	1.2	5.2	303.6	328.7	8.9	78.7	3.7	6.
5.4	23.5	1576.3	825.0	11.0	5.8	177.5	2.3	-0.1	2.3	303.6	328.7	7.3	78.4	3.1	7.
6.3	25.9	2240.6	775.0	8.6	3.5	110.9	1.0	-0.9	0.3	304.2	324.4	7.3	80.9	3.2	6.
7.0	28.6	2511.3	750.0	6.2	4.6	55.1	1.5	-1.3	-0.9	304.2	324.4	7.1	80.8	3.2	5.
7.9	31.2	2768.6	725.0	4.0	1.5	34.2	3.0	-1.7	-2.5	304.7	321.4	5.9	83.8	3.1	4.
8.7	34.7	3073.1	700.0	1.8	-0.1	27.5	3.1	-1.4	-2.7	305.1	320.7	5.5	87.6	2.9	2.
9.5	36.6	3365.9	675.0	-0.3	-1.3	24.1	0.4	0.1	-0.4	305.9	320.7	5.2	93.0	2.9	1.
10.5	39.6	3667.7	650.0	-1.5	-2.0	218.0	4.1	2.5	2.2	307.9	322.6	5.1	96.3	2.9	3.
11.4	42.3	3970.9	625.0	-3.8	-4.4	234.2	5.7	4.6	3.3	308.7	321.5	4.4	98.3	3.2	6.
12.5	45.3	4311.6	600.0	-4.3	-4.9	274.7	8.4	8.4	-0.7	311.6	324.7	4.4	98.6	3.4	13.
13.5	48.4	4636.7	575.0	-5.9	-6.5	297.3	10.5	9.3	-4.8	313.6	325.9	4.1	98.4	3.4	24.
14.5	51.3	4984.0	550.0	-8.0	-8.7	303.9	9.9	8.2	-8.5	315.1	326.0	3.6	98.5	3.3	35.
15.7	54.5	5344.7	525.0	-10.0	-11.4	286.2	7.9	7.6	-2.2	316.4	326.2	3.1	98.8	3.4	48.
16.8	57.6	5719.0	500.0	-13.2	-16.4	260.5	7.3	7.2	-1.2	317.1	323.6	2.1	78.7	3.8	51.
18.0	61.1	6107.4	475.0	-16.2	-18.9	278.7	7.9	7.8	-1.2	318.1	323.9	1.7	80.0	4.2	54.
19.3	64.6	6514.1	450.0	-17.4	-20.0	281.6	12.3	12.0	-2.3	321.5	327.2	1.7	79.8	4.7	61.
21.9	71.6	7386.3	430.0	-20.4	-23.6	280.4	16.8	16.5	-3.0	322.9	327.4	1.3	75.0	5.7	66.
23.8	75.3	7855.5	375.0	-23.6	-27.4	282.5	18.7	18.2	-4.0	324.3	327.8	1.6	71.1	7.0	75.
24.8	75.5	8357.6	350.0	-26.5	-30.3	266.0	17.8	17.7	1.2	326.6	329.4	0.8	69.6	8.6	80.
26.9	83.5	8873.3	325.0	-30.3	-34.8	259.2	20.3	19.9	3.8	327.9	329.9	0.6	68.5	10.1	87.
28.6	87.8	9427.0	300.0	-34.5	-40.1	264.7	22.4	22.3	2.1	329.1	330.4	0.4	58.4	12.9	87.
30.3	92.5	10016.4	275.0	-39.3	-49.9	267.9	22.6	22.6	1.2	330.0	330.4	0.4	58.4	12.9	87.
32.2	97.2	10646.7	250.0	-44.6	-54.6	263.5	23.0	23.0	2.6	330.7	330.9	0.4	58.4	12.9	87.
34.1	103.2	11325.3	225.0	-50.4	-60.4	263.5	24.0	24.0	2.3	331.2	330.9	0.4	58.4	12.9	87.
36.3	107.8	12063.0	200.0	-56.2	-66.2	263.5	22.6	22.6	2.5	332.3	330.9	0.4	58.4	12.9	87.
38.6	113.8	12878.9	175.0	-62.1	-72.1	266.9	20.9	20.9	1.8	334.4	330.9	0.4	58.4	12.9	87.
41.9	120.0	13811.0	150.0	-68.6	-78.6	270.5	34.2	34.2	-0.5	342.0	330.9	0.4	58.4	12.9	87.
45.8	127.0	14935.2	125.0	-68.6	-78.6	289.1	25.2	23.8	-0.2	362.9	330.9	0.4	58.4	12.9	87.
50.5	134.7	16327.2	100.0	-61.9	-61.9	289.2	18.6	18.6	-0.2	383.0	330.9	0.4	58.4	12.9	87.
56.7	142.0	18129.5	75.0	-58.8	-58.8	337.6	7.9	3.0	-8.0	414.1	330.9	0.4	58.4	12.9	87.
64.5	159.7	20661.5	50.0	-60.8	-60.8	337.6	4.9	4.7	-7.3	449.7	330.9	0.4	58.4	12.9	87.
77.0	198.3	25072.7	25.0	-81.0	-81.0	164.7	2.7	-0.7	-1.2	500.4	330.9	0.4	58.4	12.9	87.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 45  
TOPEKA, KAN

6 MAY 1975

TIME MIN	CATCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR KTG GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	268.0	970.5	30.0	19.1	180.0	9.8	0.0	0.8	307.8	307.8	14.8	52.0	0.0	0
0.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	9.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	9.6	456.8	950.0	24.9	14.2	180.0	13.1	0.9	13.0	307.3	307.3	14.0	66.3	0.7	30
2.1	11.9	690.6	928.0	22.4	17.1	180.3	11.9	0.1	11.9	303.4	303.4	13.8	72.1	1.8	30
3.2	14.4	928.6	900.0	19.4	17.5	180.6	12.4	0.1	12.4	303.4	303.4	14.1	88.4	2.4	20
4.2	16.8	1171.1	875.0	17.1	18.3	175.3	14.1	1.3	14.1	303.3	303.3	13.5	98.2	3.2	20
5.1	19.3	1412.3	850.0	14.8	18.2	180.6	14.8	2.7	14.8	303.3	303.3	12.1	96.2	4.0	30
6.2	21.8	1671.0	825.0	12.2	18.8	180.2	15.2	6.2	15.2	303.8	303.8	10.0	91.2	4.8	50
7.1	24.5	1928.6	800.0	10.9	7.7	191.2	20.1	3.9	15.8	303.8	303.8	7.9	76.8	5.9	70
8.9	27.0	2103.8	775.0	10.0	5.6	192.3	17.9	3.1	17.5	303.6	303.6	7.4	73.7	7.8	70
9.9	29.8	2467.4	750.0	10.3	4.5	193.7	18.4	4.7	17.8	303.7	303.7	7.1	67.4	9.0	80
10.9	32.7	2748.8	725.0	8.4	-2.2	193.8	16.9	4.0	16.4	303.8	303.8	6.2	64.9	10.0	90
12.3	35.8	3038.3	700.0	6.1	-2.2	195.5	17.1	4.6	16.5	303.9	303.9	5.4	64.0	11.3	100
13.6	38.4	3335.2	675.0	3.7	-2.9	196.5	18.9	5.4	16.1	310.4	323.9	4.6	62.1	12.8	100
14.5	41.1	3641.0	650.0	1.6	-2.6	198.8	18.4	5.3	15.5	311.3	323.7	4.2	63.0	13.9	110
15.7	44.3	3955.9	625.0	-1.0	-7.4	200.5	17.3	5.7	15.2	311.7	323.3	3.8	62.0	14.8	110
16.6	47.4	4280.0	600.0	-4.7	-8.3	202.1	17.1	6.8	15.9	311.1	321.3	3.4	75.7	15.8	120
17.8	50.4	4613.4	575.0	-7.7	-9.6	202.9	15.6	6.1	14.3	311.3	321.0	3.2	86.5	16.7	130
18.8	53.6	4958.1	550.0	-9.6	-11.4	199.7	15.8	5.3	14.8	312.8	321.7	2.9	88.2	17.8	130
21.7	56.7	5316.4	525.0	-11.6	-13.5	204.3	18.7	7.7	17.1	316.7	323.7	2.6	86.3	20.3	140
22.2	60.1	5685.3	500.0	-13.6	-15.8	208.3	20.1	9.5	17.7	316.7	323.7	2.2	83.6	21.7	150
24.7	63.7	6078.4	475.0	-15.3	-18.0	215.1	20.8	12.0	17.0	316.2	323.5	2.0	80.0	23.8	160
29.5	67.2	6485.1	450.0	-17.8	-20.9	225.6	21.3	14.5	16.2	321.0	326.2	1.6	76.2	26.4	180
27.0	70.8	6910.0	425.0	-21.1	-24.8	222.3	20.0	13.5	16.8	322.0	326.7	1.2	71.9	27.0	200
28.0	74.7	7350.0	400.0	-24.3	-28.1	220.2	19.4	12.5	16.8	323.5	326.6	0.9	70.2	28.3	210
29.3	78.7	7822.1	375.0	-28.3	-32.6	227.7	15.8	11.7	16.6	324.1	326.3	0.6	68.1	29.4	220
31.0	82.7	8313.8	350.0	-31.9	-36.7	225.9	17.7	12.7	16.3	326.7	327.3	0.5	62.3	31.0	230
33.4	86.8	8832.5	325.0	-36.1	-41.1	235.4	18.4	15.1	16.4	326.9	328.0	0.3	59.4	33.4	250
35.1	91.4	9384.0	300.0	-39.9	-45.9	247.7	13.1	12.2	5.0	325.2	329.9	99.9	99.9	34.9	270
36.7	96.0	9972.6	275.0	-44.4	-50.9	249.3	14.2	13.2	5.0	330.9	329.9	99.9	99.9	35.7	280
39.0	101.0	10622.8	250.0	-50.1	-56.9	249.0	12.9	12.1	4.6	331.6	329.9	99.9	99.9	36.8	300
40.9	106.5	11282.4	225.0	-56.0	-62.9	247.1	12.9	11.9	5.0	332.7	329.9	99.9	99.9	38.2	310
44.3	112.3	12025.9	200.0	-58.6	-66.9	245.5	21.7	19.8	9.0	340.0	329.9	99.9	99.9	41.1	320
47.3	118.5	12859.2	175.0	-61.2	-69.9	236.9	17.2	18.4	9.4	348.9	329.9	99.9	99.9	43.7	330
51.1	125.0	13811.6	150.0	-68.4	-76.9	233.3	14.8	18.1	11.3	360.5	329.9	99.9	99.9	48.1	370
54.5	132.3	14953.7	125.0	-60.0	-69.9	241.5	20.5	18.0	9.8	380.3	329.9	99.9	99.9	51.6	390
59.0	139.8	16354.6	100.0	-59.3	-69.9	251.3	17.1	16.6	4.4	413.1	329.9	99.9	99.9	54.9	430
65.7	147.5	18153.3	75.0	-60.8	-69.9	266.2	10.4	10.4	0.7	448.6	329.9	99.9	99.9	58.4	480
74.8	155.7	20691.1	50.0	-59.8	-69.9	332.4	4.4	3.0	-3.9	503.4	329.9	99.9	99.9	62.6	480
99.9	48.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 476  
 GRAND JUNCTION, COLO

 6 MAY 1975  
 2015 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	MM PCT	RANGE KM	AZ DG
0.7	20.1	1474.0	844.0	8.3	-6.2	270.0	6.7	6.7	0.0	255.8	3.3.9	2.8	35.0	0.0	0
00.9	00.3	99.0	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.0	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.0	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.0	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.0	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	00.0	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	21.7	1661.6	825.0	6.5	-8.0	270.3	7.7	7.7	-0.0	295.8	303.1	2.8	34.6	0.3	91.0
1.4	20.2	1912.6	800.0	3.7	-9.1	261.4	7.2	7.2	1.0	295.4	302.4	2.4	39.7	0.6	89.0
2.4	20.6	2169.3	775.0	1.3	-10.1	252.7	7.6	7.2	2.3	295.5	302.0	2.3	42.4	1.0	85.0
2.8	20.2	2431.8	750.0	-1.6	-11.8	248.2	6.9	6.4	2.6	295.1	301.1	2.1	45.7	1.2	81.0
3.7	31.9	2700.7	725.0	-4.0	-13.5	252.0	6.8	6.4	2.1	295.3	301.2	2.0	51.6	1.6	78.0
4.7	34.6	2976.4	700.0	-6.6	-13.3	255.0	7.2	7.0	1.8	295.4	301.1	2.0	59.0	2.0	78.0
5.7	37.1	3259.2	675.0	-9.1	-13.9	244.7	6.9	6.2	3.3	295.6	301.3	1.9	68.0	2.4	76.0
7.1	40.3	3549.8	650.0	-11.9	-16.1	251.8	6.8	6.5	2.1	295.7	300.6	1.7	71.2	3.0	75.0
8.3	42.7	3848.9	625.0	-14.2	-14.3	257.6	7.0	6.8	1.5	295.4	302.3	2.0	69.6	3.8	75.0
9.3	45.8	4156.5	600.0	-17.6	-20.3	253.7	6.7	6.4	1.9	295.9	299.7	1.3	78.0	4.0	75.0
10.6	48.9	4473.9	575.0	-20.7	-23.6	251.7	7.3	6.9	2.3	296.6	299.6	1.0	71.6	4.8	75.0
11.7	51.3	4811.7	550.0	-23.0	-22.7	251.3	7.2	6.8	2.4	296.8	298.2	0.4	40.4	5.0	75.0
12.9	55.1	5147.8	525.0	-25.8	-36.7	244.7	7.1	6.3	3.1	297.8	298.8	0.3	34.0	5.9	73.0
14.1	58.1	5492.8	500.0	-28.5	-38.8	243.6	7.1	6.3	3.1	298.2	299.1	0.3	36.1	5.9	73.0
15.3	61.6	5858.6	475.0	-31.0	-40.7	225.9	6.8	4.9	4.8	299.6	302.4	0.2	37.2	6.5	72.0
16.5	65.1	6203.1	450.0	-33.4	-41.1	189.3	5.1	0.8	5.0	301.2	302.0	0.2	45.8	6.8	69.0
17.9	68.7	6639.6	425.0	-37.1	-47.2	138.7	3.6	-2.4	2.7	311.5	301.9	0.1	33.6	6.9	67.0
19.3	72.2	7056.4	400.0	-39.9	-46.8	68.4	7.0	-6.5	-2.6	304.4	304.9	0.1	42.3	6.5	65.0
20.7	76.2	7456.6	375.0	-41.8	-46.8	46.6	9.4	-7.1	-6.7	326.3	309.9	99.9	99.9	5.7	67.0
22.1	80.3	7862.2	350.0	-43.9	-49.9	34.6	5.8	-3.3	-4.8	309.5	309.9	99.9	99.9	5.1	69.0
23.8	84.5	8462.4	325.0	-41.0	-49.9	278.0	2.4	2.4	-0.3	320.2	309.9	99.9	99.9	4.9	73.0
25.5	88.6	9003.9	300.0	-41.6	-49.9	251.9	6.2	7.8	2.8	326.7	309.9	99.9	99.9	5.6	73.0
27.6	93.7	9596.3	275.0	-41.8	-49.9	243.0	14.9	13.3	6.8	334.7	309.9	99.9	99.9	6.9	71.0
29.7	98.6	10241.8	250.0	-41.7	-49.9	240.9	18.1	15.8	8.8	344.1	309.9	99.9	99.9	8.9	70.0
32.0	103.8	10959.9	225.0	-42.0	-49.9	243.2	18.8	16.8	8.5	344.2	309.9	99.9	99.9	11.6	68.0
34.3	109.6	11781.2	200.0	-44.2	-49.9	231.1	19.0	14.9	12.0	362.9	309.9	99.9	99.9	14.3	66.0
37.8	115.6	12637.3	175.0	-48.7	-49.9	228.8	15.9	11.9	10.5	369.5	309.9	99.9	99.9	17.6	63.0
41.1	122.5	13641.1	150.0	-51.8	-49.9	239.0	15.1	12.9	7.7	380.8	309.9	99.9	99.9	20.8	62.0
45.2	130.0	14626.8	125.0	-52.2	-49.9	231.3	8.8	6.6	6.3	400.8	309.9	99.9	99.9	23.8	61.0
49.1	136.3	16261.4	100.0	-52.8	-49.9	206.9	9.1	4.1	5.1	425.8	309.9	99.9	99.9	25.7	57.0
54.3	142.3	18123.4	75.0	-54.4	-49.9	164.1	5.8	-1.6	5.8	489.0	309.9	99.9	99.9	27.1	53.0
63.8	155.3	20022.7	50.0	-58.0	-49.9	36.7	1.2	-0.7	-0.9	506.9	309.9	99.9	99.9	27.9	51.0
75.7	168.5	25114.3	25.0	-52.2	-49.9	8.9	2.8	-0.3	-2.4	634.7	309.9	99.9	99.9	28.1	50.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 11001  
MARSHALL SPACE FLIGHT CENTER

6 MAY 1975  
2015 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT Y DG K	MX RTO GM/RS	RH PCT	RANGE KM	AZ DG
0.	4.9	180.0	991.6	23.3	17.5	209.0	2.1	0.7	2.0	258.9	332.9	12.8	70.0	70.0	0.
00.0	98.9	50.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	7.2	327.4	975.0	21.7	16.6	217.3	4.4	2.7	3.5	258.6	331.1	12.3	72.8	0.1	7.
1.5	5.2	552.5	951.0	19.6	16.0	236.9	5.8	2.6	5.1	258.7	330.9	12.2	78.9	0.4	28.
2.3	10.9	782.1	925.0	18.1	13.6	211.0	7.1	3.6	6.1	259.2	327.7	10.7	78.1	0.7	28.
3.2	12.9	1016.5	900.0	16.2	11.1	224.7	9.2	6.5	8.6	259.8	324.8	9.3	71.7	1.1	30.
4.0	18.0	1256.0	875.0	14.8	12.2	228.8	11.7	8.8	7.7	300.5	328.1	10.3	84.4	1.4	34.
4.9	18.8	1501.5	850.0	13.2	12.3	229.5	9.2	7.0	5.9	301.4	330.1	10.7	94.4	2.2	40.
6.0	19.7	1732.4	825.0	11.1	10.7	231.5	11.4	8.9	7.1	301.7	328.5	9.9	97.4	2.8	42.
7.3	21.3	2009.6	800.0	9.3	8.9	247.0	12.0	10.4	6.0	302.2	326.7	9.0	96.8	3.5	45.
8.1	23.2	2272.7	775.0	7.1	6.6	234.6	12.8	10.4	7.4	302.5	324.4	7.9	96.6	4.4	47.
9.3	25.4	2542.3	750.0	5.4	4.8	229.3	15.1	11.5	9.9	303.4	323.4	7.2	95.5	5.3	48.
10.6	27.6	2819.1	725.0	3.5	2.8	219.8	16.8	10.8	12.9	304.1	322.3	6.5	95.2	6.6	47.
11.7	30.3	3133.4	700.0	1.6	0.6	217.6	15.3	9.4	12.1	305.0	321.2	5.7	93.0	7.7	46.
12.8	32.5	3396.2	675.0	-0.2	-2.5	207.4	12.2	5.6	10.9	306.0	319.7	4.8	85.0	8.6	45.
13.8	35.7	3657.8	650.0	-1.2	-9.8	193.0	8.9	2.0	8.7	308.0	316.3	2.8	81.8	9.2	43.
15.0	37.4	4010.1	625.0	-3.1	-11.5	168.5	7.7	-0.7	3.6	309.3	317.0	2.5	52.2	9.5	41.
16.3	40.1	4322.0	600.0	-5.0	-11.7	227.7	3.6	2.6	2.4	310.6	318.5	2.6	59.2	9.5	42.
17.5	42.8	4666.2	575.0	-6.6	-9.3	243.5	9.0	7.2	3.6	312.7	322.6	3.3	81.4	10.1	41.
19.7	45.6	512.5	550.0	-9.0	-6.6	237.6	11.7	9.9	6.3	313.8	324.0	3.4	95.3	10.8	43.
20.2	45.6	5371.9	525.0	-10.8	-11.5	240.4	11.4	9.9	8.6	315.7	325.0	3.0	95.1	11.7	44.
21.5	51.6	5746.0	500.0	-12.7	-13.4	244.8	9.8	6.9	4.2	317.8	326.3	2.7	94.4	12.5	45.
23.1	54.8	6135.2	475.0	-16.1	-19.4	255.3	7.1	6.8	1.8	318.2	323.8	1.7	76.1	13.2	47.
24.6	57.9	6540.1	450.0	-19.1	-26.7	272.5	7.8	7.7	-0.3	319.3	322.5	1.0	50.8	13.7	48.
26.1	61.4	6911.6	425.0	-23.0	-48.1	280.0	10.4	10.3	-1.9	319.5	319.9	0.1	50.8	14.3	50.
27.5	65.1	7473.9	400.0	-25.4	-36.2	283.5	16.4	16.0	-3.8	322.0	323.5	0.4	35.4	14.9	54.
28.8	68.7	7859.9	375.0	-29.4	-49.5	258.1	16.8	14.8	-7.9	322.6	323.1	0.1	13.5	15.8	58.
30.6	72.6	8359.3	350.0	-31.9	-54.1	259.6	17.9	15.5	-6.9	325.7	325.9	0.1	9.0	16.7	64.
32.4	76.8	8879.0	325.0	-35.8	-59.7	255.3	15.4	13.9	-6.6	327.3	327.4	0.0	6.9	17.8	69.
34.5	81.2	9430.0	300.0	-40.4	99.9	292.4	15.6	13.7	-7.4	328.4	329.9	99.9	99.9	19.2	73.
36.9	85.8	10017.1	275.0	-45.3	99.9	297.5	18.9	16.7	-8.7	329.6	329.9	99.9	99.9	20.9	78.
39.1	90.8	10605.4	250.0	-50.8	99.9	294.0	19.8	18.1	-8.1	330.9	329.9	99.9	99.9	22.9	82.
41.5	96.2	11323.1	225.0	-56.0	99.9	281.4	24.4	23.9	-4.9	332.7	329.9	99.9	99.9	25.8	85.
43.5	101.8	12023.8	200.0	-61.0	99.9	277.8	32.3	32.0	-4.4	336.1	329.9	99.9	99.9	29.1	88.
46.7	108.3	12449.0	175.0	-65.0	99.9	281.1	34.2	33.5	-6.6	342.6	329.9	99.9	99.9	35.0	89.
49.8	115.7	13022.2	150.0	-64.7	99.9	285.9	37.6	34.2	-10.3	355.3	329.9	99.9	99.9	42.1	91.
53.6	122.5	14922.0	125.0	-65.0	99.9	351.0	30.9	24.5	-15.9	377.2	329.9	99.9	99.9	48.4	94.
58.0	130.5	16293.5	100.0	-65.0	99.9	253.8	23.0	22.4	-8.5	402.1	329.9	99.9	99.9	56.5	97.
63.7	138.8	18044.9	75.0	-64.0	99.9	319.7	9.5	6.1	-7.2	438.8	329.9	99.9	99.9	60.9	98.
71.1	147.3	20552.5	50.0	-61.2	99.9	71.6	6.8	-6.8	-2.1	499.2	329.9	99.9	99.9	82.1	100.
82.8	154.0	24356.4	25.0	-52.0	99.9	280.1	2.6	2.8	-0.7	635.3	329.9	99.9	99.9	91.4	100.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22002  
PT. SILL. CKLA6 MAY 1975  
2100 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCHP M/SEC	POT T DG K	E POT T DG K	MR RTO GN/KG	RM PCT	RANGE KM	AZ DG
0.1	8.5	362.0	963.0	27.0	1.4	276.0	4.1	4.1	(.)	304.0	316.7	4.4	19.0	0.0	..
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
00.7	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
0.2	9.6	481.6	950.0	25.5	0.4	253.0	8.4	8.1	2.5	303.7	315.6	4.2	15.3	0.5	71.
1.2	11.5	714.5	925.0	23.2	-0.8	249.2	7.6	7.1	2.7	303.6	314.4	3.9	20.3	1.0	71.
2.9	13.7	951.9	903.0	20.8	-2.6	250.4	7.3	6.9	2.5	303.4	313.0	3.5	20.5	1.0	70.
3.8	15.7	1194.1	875.0	18.6	-3.4	249.4	7.2	6.8	2.5	303.5	313.5	3.4	22.3	1.0	70.
4.9	17.8	1441.2	850.0	16.1	-3.7	258.5	7.2	7.1	1.4	303.8	313.4	3.4	25.2	2.4	71.
6.2	20.1	1693.7	825.0	13.6	-3.1	250.5	6.3	7.9	2.9	303.6	312.8	3.2	26.5	2.0	72.
7.3	22.3	1951.6	800.0	11.4	-3.0	250.5	10.5	9.9	3.5	303.7	312.7	3.1	29.0	3.6	71.
8.3	24.6	2215.6	775.0	9.0	-2.6	240.8	11.1	9.6	5.4	303.9	312.1	2.8	30.1	4.3	71.
9.6	26.7	2496.1	750.0	7.1	-2.6	243.9	15.4	13.9	6.8	304.6	311.4	2.3	26.9	5.2	69.
11.1	29.2	2764.8	725.0	7.1	-2.6	243.9	15.4	13.9	6.8	304.6	311.4	2.3	27.8	7.0	68.
12.6	31.8	3052.4	700.0	5.6	-2.6	243.9	20.1	15.0	13.4	304.9	310.8	2.3	27.8	8.8	66.
13.9	34.3	3348.8	675.0	3.5	-2.6	243.9	20.1	15.0	13.4	304.9	310.8	2.3	27.8	10.2	62.
15.2	36.8	3637.4	650.0	1.7	-2.6	243.9	21.7	11.8	18.2	311.1	317.6	2.1	31.8	11.6	58.
16.4	39.5	3968.9	625.0	-0.5	-2.6	243.9	23.7	12.9	20.0	312.2	318.7	2.1	36.1	13.2	53.
17.7	42.1	4293.5	600.0	-3.4	-2.6	243.9	25.7	14.8	21.0	312.3	316.8	1.4	28.0	15.1	52.
19.2	45.7	4628.3	575.0	-6.3	-2.6	243.9	26.3	15.1	21.5	312.6	316.7	0.6	14.7	17.2	57.
21.6	47.9	4974.9	550.0	-7.4	-2.6	243.9	30.2	16.5	25.3	315.4	317.0	0.5	11.6	19.5	48.
22.0	50.9	5334.9	525.0	-9.6	-2.6	243.9	29.4	16.8	25.1	316.9	318.3	0.4	11.8	22.0	46.
23.4	53.9	5713.6	500.0	-12.0	-2.6	243.9	28.3	17.3	25.4	318.4	319.6	0.4	12.0	24.5	45.
24.9	56.9	6111.3	475.0	-14.7	-2.6	243.9	25.7	18.1	18.1	318.8	320.9	0.3	12.2	26.9	45.
26.6	60.3	6518.3	450.0	-17.8	-2.6	243.9	22.8	18.7	13.1	320.8	321.8	0.3	12.5	29.3	45.
28.4	63.8	6933.2	425.0	-20.8	-2.6	243.9	21.9	18.5	11.7	322.2	323.0	0.2	12.8	31.6	46.
31.1	67.2	7377.5	400.0	-24.8	-2.6	243.9	22.0	18.9	11.3	323.3	323.3	0.2	13.2	34.0	47.
31.9	70.5	7844.3	375.0	-27.7	-2.6	243.9	23.4	21.7	8.8	324.8	325.3	0.1	13.4	36.2	48.
33.8	74.7	8336.5	350.0	-31.2	-2.6	243.9	34.1	31.7	12.6	326.6	327.3	0.1	13.7	39.1	50.
35.8	78.8	8857.6	325.0	-35.0	-2.6	243.9	44.9	40.4	19.6	328.4	328.7	0.1	14.1	43.8	52.
37.9	83.7	9413.2	300.0	-39.6	-2.6	243.9	35.7	33.1	13.6	329.3	329.9	99.9	99.9	49.1	53.
40.1	87.4	9968.9	275.0	-44.5	-2.6	243.9	51.0	44.7	25.6	330.7	330.9	99.9	99.9	54.8	54.
42.4	92.4	10631.0	250.0	-48.8	-2.6	243.9	42.5	38.3	18.6	333.5	333.5	99.9	99.9	60.4	55.
44.7	97.4	11316.0	225.0	-53.3	-2.6	243.9	35.1	32.8	15.6	336.8	336.8	99.9	99.9	65.4	56.
47.2	102.8	12069.5	200.0	-55.9	-2.6	243.9	39.2	36.3	14.8	344.2	344.2	99.9	99.9	70.5	57.
49.9	105.3	12915.1	175.0	-58.1	-2.6	243.9	54.1	48.6	23.4	354.1	354.1	99.9	99.9	76.9	58.
52.8	115.8	13879.4	150.0	-59.6	-2.6	243.9	40.2	38.0	13.1	367.5	367.5	99.9	99.9	86.1	59.
56.1	123.3	15017.7	125.0	-60.3	-2.6	243.9	36.0	32.2	16.1	385.5	385.5	99.9	99.9	91.3	59.
59.9	131.3	16412.3	100.0	-62.0	-2.6	243.9	19.1	17.7	7.1	407.9	407.9	99.9	99.9	96.9	60.
64.6	140.7	18175.5	75.0	-65.2	-2.6	243.9	99.9	99.9	99.9	436.2	436.2	99.9	99.9	999.9	99.9
99.9	99.9	99.9	50.0	-99.9	-2.6	243.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
99.9	99.9	99.9	25.0	-99.9	-2.6	243.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

Sounding Data

7 May 1975

0000 GMT

STATION NO. 232  
BOOTHVILLE, LA6 MAY 1975  
2315 GMT

TIME	CNTCT	WFTGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT Y	E POT Y	MX RTD	RM	RANGE	AZ
MIN		GN	MR	OG C	OG C	OG	M/SEC	M/SEC	M/SEC	DG K	DG K	GN/KG	PCT	KM	DEG
0-0	6-2	1009.3	26.1	24.1	160.7	6.7	-2.3	6.3	301.1	351.0	19.4	90.0	0.0	0.0	0
0-2	6-9	1033.7	24.5	23.6	146.5	13.2	-5.4	8.5	307.2	349.2	18.7	94.7	0.4	337.0	0
1-1	8-9	975.0	22.7	22.2	168.1	12.3	-2.9	11.9	300.3	346.6	17.6	97.4	0.8	332.0	0
1-9	11-1	950.0	21.8	18.5	172.1	14.1	-1.4	13.7	300.9	339.0	16.4	98.7	1.5	343.0	0
2-7	13-1	925.0	20.8	18.6	173.5	12.1	-1.4	12.0	302.7	329.5	17.2	60.3	2.1	345.0	0
3-7	15-1	900.0	20.3	14.7	190.5	7.4	1.3	7.2	304.0	336.2	11.6	70.3	2.7	348.0	0
4-4	17-3	875.0	19.0	15.6	198.2	7.7	2.0	7.4	305.2	340.3	12.9	80.8	3.0	351.0	0
5-4	18-3	850.0	17.2	13.4	223.6	6.7	4.6	4.8	305.7	337.1	11.8	78.2	3.3	355.0	0
6-4	21-7	825.0	15.2	13.2	221.7	6.2	6.2	6.9	306.3	338.1	11.7	87.9	3.6	1.0	0
7-3	24-7	800.0	13.4	3.6	234.7	6.7	5.4	7.9	306.3	321.9	6.2	51.4	3.9	5.0	0
8-3	26-3	775.0	14.5	-8.3	268.6	5.3	5.4	0.4	309.9	319.3	3.2	23.5	4.1	10.0	0
9-2	28-6	750.0	13.4	-23.6	295.4	6.4	4.2	-1.7	311.2	313.9	0.8	6.5	4.1	14.0	0
10-2	31-2	725.0	11.3	-23.6	291.3	8.0	7.4	-2.9	312.0	314.5	0.7	7.1	4.1	27.0	0
11-2	33-7	700.0	8.7	-25.0	290.4	9.1	8.4	-3.2	312.2	314.5	0.7	7.1	4.1	27.0	0
12-4	36-3	675.0	6.3	-26.1	292.8	11.2	10.4	-4.3	313.0	315.2	0.7	7.5	4.2	37.0	0
13-4	38-9	650.0	5.0	-20.5	287.7	12.3	11.8	-7.5	314.7	318.4	1.1	13.8	4.5	46.0	0
14-4	41-3	625.0	2.1	-17.9	272.6	14.5	14.4	-8.7	315.1	319.7	1.5	21.1	5.1	54.0	0
15-3	44-1	600.0	-0.2	-15.4	262.1	16.5	16.4	-9.7	316.1	322.1	1.9	30.1	6.3	63.0	0
16-9	47-3	575.0	-3.2	-13.1	260.4	19.5	19.2	-10.2	316.6	324.1	3.1	59.1	7.2	63.0	0
18-1	57-5	550.0	-5.8	-11.2	267.3	21.9	21.8	-10.5	317.5	326.7	3.0	65.7	8.6	66.0	0
19-4	59-9	525.0	-9.1	-16.3	271.1	23.8	23.8	-10.5	317.7	326.7	2.0	58.6	10.4	71.0	0
20-9	56-7	500.0	-10.7	-42.5	276.9	21.4	21.2	-2.6	322.0	320.7	0.2	5.2	12.3	74.0	0
22-2	60-3	475.0	-11.4	-42.9	282.2	18.6	18.2	-3.9	323.9	326.5	0.2	5.3	13.8	77.0	0
23-7	62-4	450.0	-14.7	-44.3	286.1	15.7	15.1	-4.4	324.2	325.4	0.2	5.9	15.7	82.0	0
25-2	65-3	425.0	-19.2	-46.1	285.4	17.3	16.7	-4.6	325.6	326.1	0.1	6.6	16.4	82.0	0
26-7	69-3	400.0	-21.1	-47.6	286.5	19.8	19.0	-5.7	327.5	327.9	0.1	7.1	18.0	84.0	0
28-1	72-9	375.0	-25.1	-47.2	282.5	21.2	19.5	-8.1	328.4	329.3	0.2	18.6	19.7	97.0	0
30-0	76-7	350.0	-29.2	-34.7	279.7	25.8	24.4	-8.4	329.4	331.4	0.4	58.4	21.8	80.0	0
31-8	81-1	325.0	-33.9	-38.9	278.4	30.8	27.4	-4.5	332.0	331.4	0.4	67.2	24.9	91.0	0
33-6	85-2	300.0	-38.3	-42.4	274.1	31.2	31.0	-3.3	331.3	332.4	0.3	63.5	28.1	92.0	0
35-7	89-2	275.0	-43.1	99.9	275.4	33.0	33.8	-3.2	332.8	999.9	99.9	999.9	32.3	92.0	0
38-0	94-3	250.0	-48.6	99.9	277.2	32.2	32.0	-4.0	333.9	999.9	99.9	999.9	37.1	93.0	0
40-9	98-3	225.0	-55.1	99.9	278.7	36.6	36.1	-5.6	334.1	999.7	99.9	999.9	41.8	93.0	0
43-3	104-3	200.0	-60.8	99.9	277.1	41.9	41.7	-6.7	339.6	999.9	99.9	999.9	48.5	95.0	0
46-4	110-4	175.0	-64.3	99.9	277.1	45.8	45.5	-6.7	343.9	999.9	99.9	999.9	57.3	95.0	0
50-1	116.8	150.0	-68.7	99.9	280.8	46.2	45.5	-8.7	355.2	999.9	99.9	999.9	66.4	96.0	0
54-6	124-3	125.0	-66.4	99.9	280.7	36.2	31.5	-18.7	371.1	999.9	99.9	999.9	79.1	98.0	0
58-7	132-7	100.0	-70.5	99.9	287.7	29.4	24.2	-8.6	391.5	999.9	99.9	999.9	88.8	100.0	0
64-2	141-7	75.0	-64.1	99.9	316.2	10.9	7.5	-7.9	428.1	999.9	99.9	999.9	93.9	101.0	0
75-3	151-3	250.0	-58.8	99.9	50.0	2.6	-0.2	-2.6	505.1	999.9	99.9	999.9	93.2	121.0	0
89-4	161-5	25.0	-47.6	99.9	92.5	9.5	-9.5	0.4	648.0	999.9	99.9	999.9	91.7	152.0	0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS6 MAY 1975  
2315 GMT

TIME MIN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE K/A	AZ DG
0.1	4.8	100.0	997.5	26.1	19.1	170.0	4.2	-0.8	4.5	301.1	332.2	11.6	84.0	0.0	30
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.7	4.5	300.8	978.0	23.5	20.3	145.1	0.5	-1.7	6.3	300.9	342.3	15.6	82.5	0.3	342
1.4	6.7	527.6	980.0	21.5	19.7	172.5	9.4	-1.2	9.3	301.1	341.9	15.4	89.1	0.6	345
2.2	10.2	789.6	985.0	20.0	18.5	183.9	11.6	0.8	11.6	301.7	340.9	14.7	91.4	1.1	351
3.0	12.9	996.2	905.0	18.8	16.6	197.4	11.8	3.5	11.2	302.6	338.4	13.3	87.2	1.6	357
3.7	15.2	1239.5	875.0	17.6	15.4	214.3	11.7	6.8	5.6	303.8	338.2	12.7	87.1	2.1	4
4.4	17.3	1486.8	855.0	16.4	14.4	230.9	10.1	7.8	6.3	305.0	338.4	12.3	88.1	2.9	11
5.2	19.7	1731.7	825.0	14.5	12.8	245.0	9.3	8.5	4.0	305.5	338.6	12.1	95.5	2.8	18
6.1	21.9	2071.0	805.0	12.2	12.0	252.3	9.2	6.8	3.8	305.7	336.1	11.1	98.2	3.1	24
6.9	24.6	2267.4	775.0	10.5	10.0	251.9	9.6	9.1	3.0	306.4	336.2	10.0	96.8	3.4	30
7.7	26.7	2541.5	755.0	9.0	7.0	247.4	10.0	9.3	3.9	307.4	331.1	8.4	87.2	3.8	35
8.5	29.2	2821.4	725.0	7.8	3.1	243.2	10.0	8.9	4.5	308.9	327.9	6.7	72.2	4.3	38
9.3	31.9	3110.6	705.0	6.6	-1.3	238.4	9.1	7.7	4.8	312.4	325.0	5.0	57.1	4.8	41
10.3	34.5	3402.8	675.0	4.7	-2.8	235.2	7.8	6.4	4.5	315.5	325.1	4.6	58.1	5.2	42
11.3	37.0	3715.2	650.0	2.6	-4.1	233.3	8.3	6.7	5.0	315.5	325.4	4.4	61.3	5.6	43
12.3	42.4	4359.4	600.0	1.0	-7.1	228.0	9.5	6.4	4.5	315.0	324.9	3.6	54.6	6.2	44
13.3	48.4	4697.6	575.0	-3.2	-10.6	207.2	8.8	8.8	0.4	316.4	321.0	1.4	44.7	7.2	46
14.4	48.4	5049.2	550.0	-4.2	-23.4	270.6	10.0	9.9	-1.7	319.2	322.7	1.0	20.6	7.6	51
15.4	51.4	5414.0	525.0	-7.0	-25.7	282.1	10.9	10.6	-2.3	320.1	323.1	0.9	20.8	8.0	55
17.7	54.5	5792.7	500.0	-9.5	-27.6	280.7	14.1	15.8	-3.0	321.5	324.2	0.8	21.1	8.7	60
18.9	57.6	6186.8	475.0	-12.5	-30.0	275.8	20.2	20.1	-2.0	322.6	324.8	0.7	21.3	9.8	65
20.1	61.1	6597.4	450.0	-15.3	-32.3	271.2	20.7	20.7	-0.4	323.0	326.0	0.6	21.6	11.2	68
21.5	64.6	7027.6	425.0	-17.6	-34.2	280.3	19.3	18.0	-3.4	326.4	328.1	0.5	21.8	12.7	72
23.7	68.3	7478.2	400.0	-21.1	-37.0	284.6	19.9	19.2	-5.7	327.6	329.0	0.4	22.1	14.1	75
24.7	71.7	7951.0	375.0	-25.1	-38.9	285.3	24.1	23.3	-6.3	328.3	329.9	0.4	32.1	16.1	79
26.4	75.7	8447.6	350.0	-29.8	-40.6	287.3	28.4	27.0	-8.9	328.5	329.7	0.3	33.6	18.5	83
28.2	79.8	8971.1	325.0	-33.9	-42.9	287.6	30.4	29.0	-9.2	329.8	330.8	0.3	39.6	21.5	87
29.9	84.1	9526.6	300.0	-38.4	-47.5	285.5	36.6	35.3	-9.8	330.8	331.5	0.2	38.2	24.7	89
31.8	88.5	10119.0	275.0	-43.0	-49.9	282.2	42.3	41.3	-9.9	331.0	330.9	99.9	99.9	29.0	92
33.9	93.4	10754.1	250.0	-47.9	-49.9	278.2	44.1	43.6	-6.3	331.9	330.9	99.9	99.9	34.5	93
36.3	98.5	11442.0	225.0	-52.8	-49.9	282.1	36.3	35.5	-7.6	337.7	330.9	99.9	99.9	40.0	94
38.9	104.1	12192.4	200.0	-58.6	-49.9	281.2	40.2	39.4	-7.6	339.9	330.9	99.9	99.9	46.4	95
41.8	110.2	13315.3	175.0	-64.2	-49.9	277.7	38.0	37.7	-5.1	343.9	330.9	99.9	99.9	52.7	96
45.0	116.7	14586.2	150.0	-69.5	-49.9	273.0	40.6	40.5	-5.1	357.4	330.9	99.9	99.9	61.3	95
48.1	124.3	15071.4	125.0	-64.6	-49.9	287.8	43.4	41.3	-13.2	378.0	330.9	99.9	99.9	71.6	96
51.7	132.7	16425.6	100.0	-60.3	-49.9	291.2	27.9	26.0	-10.1	398.7	330.9	99.9	99.9	81.4	98
54.9	141.7	18176.4	75.0	-66.2	-49.9	326.9	3.0	1.7	-2.5	428.9	330.9	99.9	99.9	87.4	99
57.4	151.7	20667.2	50.0	-61.7	-49.9	37.1	8.3	-8.0	-6.0	498.2	330.9	99.9	99.9	89.6	100
60.3	161.5	23106.7	25.0	-49.8	-49.9	103.4	5.8	-5.7	1.4	641.8	330.9	99.9	99.9	95.9	100

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
LAKE CHARLES, LA6 MAY 1975  
2315 GMT

158 160 6

TIME MM	CHCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DEG K	E POT T DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
00.0	4.4	5.0	1006.6	16.7	23.4	140.0	5.7	-3.7	4.4	301.8	350.1	18.3	82.0	6.0	0.
0.1	5.0	63.4	1000.0	26.4	23.9	143.0	7.4	-4.3	5.9	302.1	352.3	19.0	86.1	7.3	339.
1.0	6.5	267.2	975.0	23.8	23.7	150.5	7.2	-3.6	6.3	301.5	349.5	18.2	92.5	6.5	334.
1.8	8.5	514.8	950.0	22.2	20.6	160.4	7.4	-2.5	7.0	301.9	349.2	16.3	90.6	6.9	335.
2.7	10.3	747.2	925.0	21.1	18.6	160.6	6.4	-2.1	6.1	302.2	342.3	14.8	85.8	1.3	337.
3.6	12.3	984.6	900.0	19.2	17.5	153.6	5.6	-2.5	5.2	303.2	341.3	14.2	90.1	1.6	337.
4.6	14.3	1227.3	875.0	17.7	16.4	175.3	5.4	-0.4	5.4	304.0	340.7	13.6	92.4	1.9	338.
5.4	16.2	1476.1	850.0	18.3	13.1	205.8	8.0	3.5	7.2	306.8	337.9	11.3	71.9	2.2	342.
6.5	18.3	1731.8	825.0	16.3	13.4	198.9	9.6	3.3	9.3	307.2	338.2	10.5	83.5	2.6	351.
7.4	20.4	1994.1	800.0	15.4	11.1	197.8	9.7	3.0	9.3	307.4	338.4	11.9	78.4	3.1	358.
8.4	22.4	2263.2	775.0	13.9	6.0	193.1	9.5	2.2	9.3	306.8	331.4	7.6	58.9	3.6	359.
9.3	24.7	2539.8	750.0	13.6	-5.7	188.1	7.6	1.1	7.5	311.8	321.9	3.4	25.7	4.1	360.
10.4	26.5	2820.0	725.0	11.5	-9.9	187.5	5.4	0.7	5.3	312.4	320.0	2.5	21.1	4.5	0.
11.5	28.1	3115.6	700.0	8.8	-13.0	223.5	3.9	1.6	3.6	314.5	318.8	2.0	19.8	4.8	1.
12.7	31.4	3415.3	675.0	6.9	-15.3	231.5	6.6	5.2	4.1	313.6	319.0	1.7	18.6	5.1	3.
13.8	34.1	3724.2	650.0	4.9	-14.0	234.3	10.4	8.5	6.1	315.9	324.1	2.7	15.8	5.8	8.
14.1	36.4	4042.6	625.0	2.7	-11.2	232.0	14.8	11.6	9.1	318.9	332.0	4.7	68.1	7.1	20.
15.2	39.3	4371.9	600.0	1.0	-4.2	238.7	18.9	15.4	11.0	317.9	332.0	3.9	65.5	3.4	24.
16.2	41.4	4713.0	575.0	-1.4	-7.1	238.6	20.8	17.8	10.9	318.8	330.8	3.0	60.2	999.9	999.
17.5	44.2	5045.6	550.0	-4.6	-11.1	959.9	99.9	99.9	99.9	319.0	328.3	2.1	51.7	999.9	999.
18.7	47.3	5429.9	525.0	-7.7	-15.5	999.9	99.9	99.9	99.9	319.8	326.2	1.1	29.8	999.9	999.
20.0	50.0	5837.7	500.0	-10.0	-24.3	999.9	99.9	99.9	99.9	321.0	324.5	0.2	5.7	999.9	999.
21.3	52.8	6201.8	475.0	-12.2	-42.7	999.9	99.9	99.9	99.9	324.7	323.5	0.2	0.0	999.9	999.
22.6	55.9	6613.2	450.0	-14.7	-44.2	999.9	99.9	99.9	99.9	326.4	325.4	0.2	0.0	999.9	999.
24.0	59.9	7043.3	425.0	-17.5	-5.9	999.9	99.9	99.9	99.9	328.4	327.0	0.1	6.7	999.9	999.
25.4	62.4	7494.5	400.0	-20.8	-48.0	999.9	99.9	99.9	99.9	327.8	328.3	0.1	25.5	999.9	999.
26.9	65.8	7968.0	375.0	-24.7	-38.8	999.9	99.9	99.9	99.9	328.9	326.2	0.3	32.0	999.9	999.
28.3	69.3	8465.7	350.0	-29.0	-40.4	999.9	99.9	99.9	99.9	329.7	330.8	0.3	62.5	999.9	999.
30.8	72.7	8991.2	325.0	-32.7	-37.4	999.9	99.9	99.9	99.9	331.6	333.3	0.5	68.9	999.9	999.
32.7	77.2	9550.3	300.0	-36.7	-40.3	999.9	99.9	99.9	99.9	333.8	334.9	0.4	99.9	999.9	999.
34.5	81.4	10146.2	275.0	-42.0	99.9	999.9	99.9	99.9	99.9	336.4	336.9	99.9	99.9	999.9	999.
36.5	85.8	10784.1	250.0	-47.4	99.9	999.9	99.9	99.9	99.9	338.6	339.9	99.9	99.9	999.9	999.
38.6	90.8	11471.4	225.0	-53.5	99.9	999.9	99.9	99.9	99.9	340.5	340.9	99.9	99.9	999.9	999.
43.2	96.3	12217.3	200.0	-56.5	99.9	999.9	99.9	99.9	99.9	342.8	342.8	99.9	99.9	999.9	999.
48.5	101.8	13047.8	175.0	-61.9	99.9	999.9	99.9	99.9	99.9	345.3	345.3	99.9	99.9	999.9	999.
50.5	105.8	13996.0	150.0	-64.3	99.9	999.9	99.9	99.9	99.9	347.8	347.8	99.9	99.9	999.9	999.
54.0	115.6	15105.4	125.0	-68.3	99.9	999.9	99.9	99.9	99.9	350.3	350.3	99.9	99.9	999.9	999.
58.9	124.3	16382.3	100.0	-70.8	99.9	999.9	99.9	99.9	99.9	351.0	351.0	99.9	99.9	999.9	999.
64.4	134.2	18140.7	75.0	-72.2	99.9	999.9	99.9	99.9	99.9	421.6	421.6	99.9	99.9	999.9	999.
75.6	144.5	23568.0	50.0	-61.0	99.9	999.9	99.9	99.9	99.9	450.9	450.9	99.9	99.9	999.9	999.
98.1	194.5	25001.9	25.0	-50.6	99.9	999.9	99.9	99.9	99.9	630.5	630.5	99.9	99.9	999.9	999.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 246  
SMREVEPOINT. LA

6 MAY 1975  
2315 GMT

TIME MIN	CHTCY	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR RTO CM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.1	79.0	995.6	27.0	22.7	150.2	5.2	-2.6	4.5	303.8	351.2	17.8	74.0	6.0	7.0
00.0	99.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1.0	6.6	264.9	975.0	26.2	23.2	125.7	6.6	-5.4	3.8	304.0	353.6	18.7	83.6	0.3	316.0
2.0	11.0	494.0	950.0	24.3	21.3	149.6	7.3	-3.7	7.5	305.2	352.7	18.2	86.8	6.7	317.0
3.0	12.3	728.3	925.0	23.0	22.2	123.1	7.5	0.4	7.5	305.2	352.7	17.4	89.8	1.1	328.0
4.0	12.3	967.7	900.0	21.2	19.6	124.4	6.2	0.0	6.2	305.6	349.1	16.2	90.2	1.5	339.0
5.0	18.6	1212.1	875.0	19.4	17.8	192.7	10.5	2.3	10.2	305.9	345.2	14.8	90.5	2.1	348.0
6.0	17.9	1461.6	850.0	17.7	15.4	200.4	9.6	3.4	9.0	306.5	342.1	13.1	86.1	2.6	354.0
7.0	27.3	1717.2	825.0	16.5	14.9	202.5	9.2	3.5	8.5	307.4	339.2	10.0	69.4	3.2	359.0
8.0	28.2	2248.8	775.0	15.7	6.4	217.3	6.9	4.2	8.5	308.9	335.4	7.6	54.1	3.6	3.0
9.0	27.6	2528.1	750.0	15.6	-0.2	253.3	4.0	3.5	1.2	311.2	325.6	4.9	34.2	3.9	7.0
10.0	37.6	2815.3	725.0	13.7	-5.5	277.4	4.8	4.8	-0.6	311.9	322.1	3.4	28.9	3.8	11.0
11.0	37.2	2910.3	725.0	11.4	-7.4	264.5	6.1	6.1	0.6	312.4	321.0	3.0	28.0	3.9	16.0
12.0	32.9	3101.9	700.0	8.8	-9.6	264.4	7.5	7.5	0.7	312.5	320.6	2.6	26.0	4.1	22.0
13.0	37.5	3401.4	675.0	6.2	-11.8	260.3	7.4	7.3	1.3	312.6	319.4	2.3	26.1	4.4	28.0
14.0	36.1	3709.0	650.0	3.5	-11.9	246.5	7.2	6.7	2.6	313.2	320.5	2.4	31.2	4.8	33.0
15.0	40.8	4026.6	625.0	2.0	-13.3	254.7	11.6	11.2	3.1	315.0	321.9	2.2	31.1	5.4	37.0
16.0	41.8	4394.8	600.0	-0.4	-13.3	253.6	15.7	15.1	4.4	316.0	323.1	2.3	36.8	6.2	43.0
17.0	46.7	4693.9	575.0	-2.9	-13.6	250.2	19.5	18.3	6.6	316.9	324.2	2.3	43.3	7.4	48.0
18.0	45.8	5044.7	550.0	-5.2	-14.0	246.2	24.5	22.4	9.9	318.2	325.6	2.3	49.7	9.1	52.0
19.0	52.6	5418.2	525.0	-8.4	-15.6	247.5	26.5	24.5	10.2	318.5	325.3	2.1	55.9	11.1	55.0
20.0	57.7	5785.4	500.0	-10.0	-25.0	253.7	24.6	23.6	6.5	321.0	324.3	1.0	27.8	13.3	57.0
21.0	59.0	6179.1	475.0	-12.3	-36.1	254.7	20.0	19.3	5.3	322.7	324.3	0.4	11.6	15.4	66.0
22.0	62.4	6590.3	450.0	-15.0	-38.0	246.7	20.5	18.8	6.1	324.4	325.5	0.3	11.9	17.5	61.0
23.0	68.8	7021.1	425.0	-17.4	-39.9	245.5	19.3	17.5	8.0	326.6	327.5	0.3	12.1	19.7	61.0
24.0	69.3	7471.2	400.0	-21.2	-42.0	254.5	19.6	18.9	5.2	327.4	328.3	0.2	13.3	21.6	62.0
25.0	73.3	7842.9	375.0	-26.0	-41.7	249.3	20.0	19.9	1.6	327.1	328.1	0.3	21.2	23.7	64.0
26.0	74.8	8438.3	350.0	-30.4	-40.4	276.6	22.0	21.9	-2.5	327.7	328.8	0.3	36.6	26.3	66.0
27.0	80.7	8961.7	325.0	-33.7	-36.4	271.5	29.3	29.3	-0.7	330.3	332.1	0.5	76.3	28.6	69.0
28.0	85.1	9518.0	300.0	-38.0	-41.6	264.7	27.3	27.3	0.6	331.8	333.0	0.3	67.9	32.4	72.0
29.0	86.2	10111.0	275.0	-42.8	96.9	252.0	24.5	27.1	8.8	333.2	333.2	0.9	99.9	35.9	73.0
30.0	94.1	10740.4	250.0	-44.3	96.9	249.6	30.8	28.9	10.7	334.3	333.2	0.9	99.9	40.3	73.0
31.0	96.8	11434.8	225.0	-52.8	96.9	262.1	28.0	28.0	3.9	337.6	333.2	0.9	99.9	44.7	73.0
32.0	104.0	12187.4	200.0	-57.0	96.9	257.7	30.0	37.1	8.1	342.5	333.2	0.9	99.9	49.2	73.0
33.0	110.3	13025.1	175.0	-62.6	96.9	257.3	34.2	33.4	7.5	346.6	333.2	0.9	99.9	54.1	74.0
34.0	116.7	13968.5	150.0	-64.1	96.9	270.4	28.2	24.2	-0.2	359.6	333.2	0.9	99.9	62.7	75.0
35.0	123.3	15079.2	125.0	-64.9	96.9	272.3	41.8	40.6	-8.9	377.8	333.2	0.9	99.9	71.8	78.0
36.0	129.7	16233.9	100.0	-67.4	96.9	278.0	23.4	23.2	-3.3	397.5	333.2	0.9	99.9	81.9	81.0
37.0	139.7	17586.6	75.0	-67.6	96.9	352.1	5.4	5.9	-2.1	431.3	333.2	0.9	99.9	87.9	84.0
38.0	146.3	20028.1	50.0	-63.0	96.9	275.6	6.2	-2.9	-8.5	456.1	333.2	0.9	99.9	94.3	84.0
39.0	160.5	25024.4	25.0	-81.6	96.9	330.1	1.8	0.9	-1.6	636.5	333.2	0.9	99.9	104.1	84.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

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ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 250  
BROWNSVILLE, TEX

6 MAY 1978  
2315 GMT

182 28.9

TIME MIN	CHTCT	HEIGHT GSM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V CCOMP M/SEC	POT Y DEG K	E POT Y DEG K	MR RTO CM/KG	RH PCT	RANGE KM	AZ DEG
00.0	5.3	7.0	1000.5	31.1	24.5	130.0	7.2	-5.3	4.6	336.9	363.1	19.7	68.0	7.0	0.
00.0	5.1	11.5	1000.0	31.0	24.5	129.9	7.2	-5.3	4.6	336.9	363.1	19.7	68.0	7.0	359.
00.0	5.1	23.7	974.0	24.6	24.4	129.4	7.1	-5.6	4.1	304.7	358.5	20.2	88.1	7.0	311.
1.7	0.6	68.1	950.0	28.4	24.1	128.4	3.5	-2.9	2.3	305.7	360.0	24.3	92.4	7.0	304.
2.8	17.5	74.5	925.0	26.0	22.5	126.5	2.4	1.9	-1.5	306.8	359.8	18.9	81.1	7.0	304.
3.4	18.4	94.5	905.0	25.5	16.3	137.1	5.5	2.1	-5.1	309.6	346.0	13.1	57.3	7.0	304.
4.2	15.4	119.4	875.0	26.6	12.4	124.2	6.6	3.7	-5.3	312.9	342.8	10.5	41.8	7.0	285.
5.0	14.3	149.4	850.0	25.6	9.1	116.5	7.4	5.1	-5.4	314.1	338.8	8.6	35.3	7.0	213.
5.8	10.4	1712.6	825.0	24.3	6.2	106.2	5.8	4.5	-5.6	315.2	336.4	7.2	31.3	7.0	169.
6.5	20.5	1951.2	800.0	22.3	4.5	234.5	4.9	4.8	1.0	315.8	335.2	6.6	31.3	7.0	150.
7.3	22.6	2255.9	775.0	20.3	2.5	234.6	5.7	4.7	3.3	316.4	334.0	5.9	31.0	7.0	128.
8.1	24.9	2537.6	751.0	18.3	-0.0	231.5	6.4	5.0	4.0	317.1	332.4	5.1	27.1	7.0	103.
9.1	26.9	2826.7	725.0	15.4	-3.0	245.5	8.3	7.5	3.4	317.4	330.7	4.2	27.2	7.0	86.
10.3	28.3	3123.2	700.0	13.6	-4.7	246.4	11.8	10.8	4.7	318.0	329.9	3.9	27.8	7.0	82.
10.9	31.7	3422.3	675.0	11.7	-5.3	237.5	15.2	12.6	8.2	319.3	331.1	3.0	27.9	7.0	74.
12.0	34.1	3742.9	650.0	9.6	-7.6	228.5	16.1	11.5	11.3	320.3	330.7	3.3	28.9	7.0	66.
13.1	36.5	4066.9	625.0	6.6	-5.2	220.0	19.2	12.3	14.7	320.5	333.3	2.3	28.9	7.0	62.
14.1	36.1	4477.2	600.0	3.4	-7.1	219.4	17.0	12.5	15.3	323.3	327.7	1.3	31.6	7.0	53.
15.4	41.6	4747.7	575.0	0.4	-14.4	223.3	17.0	11.7	12.4	323.7	327.7	2.2	32.1	7.0	53.
16.8	44.3	5159.5	550.0	-2.3	-15.8	211.1	15.5	12.1	9.7	321.5	328.1	2.3	34.8	7.0	52.
18.1	47.1	5475.8	525.0	-5.1	-20.9	235.3	17.0	14.0	9.7	322.5	327.6	1.7	27.6	7.0	53.
19.4	57.1	5866.9	500.0	-8.1	-21.9	242.2	21.1	18.6	9.8	323.3	327.7	1.3	31.6	7.0	53.
20.5	52.9	6243.1	475.0	-10.9	-24.3	248.9	22.0	20.5	7.9	324.6	329.4	0.9	30.6	7.0	57.
21.6	55.8	6637.2	450.0	-13.4	-27.0	248.4	21.0	19.5	7.7	326.5	329.7	0.9	30.6	7.0	57.
22.5	58.1	7090.0	425.0	-15.4	-31.0	247.9	22.9	20.5	10.1	328.7	331.1	0.6	25.7	7.0	58.
23.5	62.6	7544.9	400.0	-18.7	-33.5	239.2	23.3	20.0	11.9	330.6	332.1	0.6	25.7	7.0	58.
24.0	65.9	8021.9	375.0	-23.0	-36.8	233.7	25.3	20.4	15.0	331.1	332.7	0.4	26.9	7.0	58.
27.7	65.6	8524.1	350.0	-26.4	-39.0	229.6	25.1	19.1	16.3	333.1	334.4	0.4	29.3	7.0	57.
29.5	73.1	9034.7	325.0	-31.3	-42.2	234.9	26.3	22.0	14.4	333.5	335.1	0.3	32.1	7.0	57.
31.2	77.5	9616.1	300.0	-36.2	-45.0	244.5	26.0	26.0	12.4	334.2	335.1	0.2	34.4	7.0	57.
33.1	81.7	10213.1	275.0	-41.1	99.9	240.1	31.4	25.4	11.2	335.3	335.9	0.9	34.9	7.0	58.
35.4	86.3	10833.3	250.0	-46.3	99.9	250.2	30.6	24.8	10.4	337.3	336.9	0.9	34.9	7.0	58.
36.3	91.2	11453.4	225.0	-51.1	99.9	256.1	38.9	37.8	9.3	340.1	336.9	0.9	34.9	7.0	58.
40.8	95.5	12322.9	200.0	-55.3	99.9	256.7	44.4	43.7	8.0	345.2	336.9	0.9	34.9	7.0	58.
43.6	102.3	13145.0	175.0	-60.6	99.9	264.3	41.1	40.9	4.3	350.0	336.9	0.9	34.9	7.0	58.
47.4	109.3	14096.0	150.0	-63.8	99.9	266.9	34.8	33.9	7.9	363.2	336.9	0.9	34.9	7.0	58.
51.1	116.3	15203.4	125.0	-67.9	99.9	271.4	24.0	24.8	-0.6	372.0	336.9	0.9	34.9	7.0	58.
55.6	125.3	16549.5	100.0	-71.7	99.9	289.3	5.8	9.4	-1.3	387.1	336.9	0.9	34.9	7.0	58.
61.0	136.3	18222.9	75.0	-74.5	99.9	87.2	3.7	-3.7	-0.2	416.7	336.9	0.9	34.9	7.0	58.
69.2	148.7	20670.9	50.0	-88.8	99.9	47.3	6.7	-4.9	-4.5	503.0	336.9	0.9	34.9	7.0	58.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 285  
VICTORIA, TEX6 MAY 1978  
2318 GMT

TIME MIN	CATCT	HEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	PK RTO GM/KG	R11 PCT	RANGE AZ KM	DEG
0.7	5.3	33.0	1000.0	27.9	23.9	130.0	5.7	-4.4	3.7	333.7	354.3	19.1	79.0	36.0	16.5
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
7.8	6.8	258.5	975.0	26.2	24.6	99.9	99.9	99.9	99.9	304.3	358.6	20.4	90.7	992.9	99.9
1.6	6.9	484.2	950.0	24.4	23.2	99.9	99.9	99.9	99.9	304.3	358.6	20.4	90.7	992.9	99.9
2.5	1.9	722.3	925.0	22.1	20.9	121.9	2.3	-2.0	1.2	304.2	350.1	17.1	93.5	992.9	99.9
3.3	13.1	961.2	900.0	20.9	19.7	144.9	1.7	-1.0	1.4	305.2	345.1	16.3	93.1	992.9	99.9
4.3	14.3	1305.8	875.0	19.8	18.1	151.7	3.1	-1.5	2.8	306.4	347.0	15.2	90.1	992.9	99.9
5.3	17.4	1456.4	850.0	18.7	16.8	156.1	4.7	-1.9	4.3	307.7	347.0	14.4	86.4	992.9	99.9
6.2	19.7	1712.8	825.0	16.7	13.3	164.5	6.4	-1.7	6.1	307.8	340.3	11.8	87.4	992.9	99.9
7.1	21.9	1976.4	800.0	18.7	9.0	170.9	12.7	-1.9	11.9	312.5	336.4	9.4	84.9	992.9	99.9
7.9	24.3	2248.9	775.0	14.2	-6.6	174.0	11.7	-0.4	11.7	314.2	331.7	6.0	35.2	992.9	99.9
8.9	26.5	2528.0	750.0	14.1	-6.6	184.9	9.5	1.1	9.4	315.0	324.5	4.5	29.1	992.9	99.9
10.0	28.3	2815.8	725.0	14.1	-6.6	200.1	7.8	2.7	7.3	315.0	324.5	4.5	31.3	992.9	99.9
11.1	31.6	3111.1	700.0	11.4	6.2	207.1	9.0	4.1	8.7	316.2	341.1	8.5	77.3	992.9	99.9
12.3	34.2	3414.3	675.0	8.8	5.1	207.3	11.6	5.3	10.3	316.6	340.6	6.2	77.6	992.9	99.9
13.4	36.7	3726.4	650.0	6.9	0.6	209.9	14.5	7.7	13.5	317.6	336.1	6.2	64.3	992.9	99.9
14.6	39.4	4037.7	625.0	4.6	-11.0	212.2	17.4	9.3	14.7	318.2	328.4	3.3	39.0	992.9	99.9
16.0	42.1	4378.9	600.0	2.2	-11.0	214.7	17.4	10.2	14.7	318.2	328.4	3.3	39.0	992.9	99.9
17.3	45.3	4720.5	575.0	-1.5	-12.2	217.2	17.5	10.6	13.9	318.6	326.9	2.6	43.7	992.9	99.9
18.5	48.0	5072.8	550.0	-4.3	-27.5	229.3	17.8	13.5	11.5	319.1	321.5	0.7	13.2	992.9	99.9
19.4	50.8	5438.5	525.0	-5.5	-48.5	238.9	20.1	17.2	10.4	321.8	322.2	0.1	1.8	992.9	99.9
21.1	53.0	5814.9	500.0	-8.3	-49.3	246.4	21.4	19.3	9.2	322.9	323.2	0.1	2.0	992.9	99.9
22.6	57.0	6214.4	475.0	-11.2	-49.9	249.4	21.0	19.0	7.4	324.1	324.4	0.1	2.4	992.9	99.9
24.1	60.3	6597.1	450.0	-14.2	-50.8	251.4	23.0	21.8	7.2	325.4	325.7	0.1	2.7	992.9	99.9
25.7	63.3	7058.3	425.0	-17.2	-51.9	247.6	25.4	23.5	9.7	326.9	327.2	0.1	3.1	992.9	99.9
27.3	67.3	7509.9	400.0	-20.4	-46.2	254.0	26.6	25.0	7.3	328.4	328.9	0.1	3.1	992.9	99.9
29.0	70.9	7984.1	375.0	-24.4	-46.2	251.8	28.7	27.2	9.0	329.2	329.9	0.2	11.1	992.9	99.9
30.9	74.9	8482.1	350.0	-29.0	-43.9	252.4	29.7	28.3	9.0	329.6	330.4	0.3	23.1	992.9	99.9
32.4	78.0	8977.0	325.0	-34.0	-41.7	250.6	31.0	29.3	10.3	329.8	330.9	0.3	45.1	992.9	99.9
34.8	83.2	9595.6	300.0	-36.0	-41.1	245.7	37.0	33.7	15.2	331.4	334.7	0.3	64.0	992.9	99.9
36.9	87.5	10161.6	275.0	-41.6	99.9	248.5	37.9	35.3	13.9	335.0	999.9	99.9	99.9	992.9	99.9
39.7	92.4	10800.8	250.0	-44.7	99.9	251.2	42.9	41.1	12.4	336.7	999.9	99.9	99.9	992.9	99.9
41.3	97.4	11400.4	225.0	-52.8	99.9	261.3	37.1	36.7	5.8	337.6	999.9	99.9	99.9	992.9	99.9
44.3	103.3	12253.4	200.0	-56.5	99.9	267.0	47.6	46.4	10.7	337.3	999.9	99.9	99.9	992.9	99.9
47.3	110.3	13083.9	175.0	-59.8	99.9	258.6	44.2	43.3	6.7	351.2	999.9	99.9	99.9	992.9	99.9
50.8	116.0	14042.5	150.0	-62.5	99.9	253.5	43.4	41.0	12.3	362.5	999.9	99.9	99.9	992.9	99.9
54.7	123.7	15158.1	125.0	-64.9	99.9	275.0	36.4	36.2	-3.2	377.5	999.9	99.9	99.9	992.9	99.9
59.6	132.7	16534.7	100.0	-70.5	99.9	280.0	19.7	19.4	-3.4	391.5	999.9	99.9	99.9	992.9	99.9
65.6	142.5	18197.1	75.0	-73.2	99.9	273.7	6.4	6.4	-0.4	419.4	999.9	99.9	99.9	992.9	99.9
74.5	153.5	20456.6	50.0	-95.5	99.9	310.2	3.4	2.6	-2.2	503.4	999.9	99.9	99.9	992.9	99.9
88.9	165.3	25077.5	25.0	-49.4	99.9	40.9	6.4	-6.7	-4.4	642.6	999.9	99.9	99.9	992.9	99.9

° BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 ° BY TIME MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
 ° BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

6 MAY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

183 13. 1

TIME MIN	CNTCT	WEIGHT GEM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.3	9.1	399.0	559.9	27.5	7.9	18.0	2.1	-0.5	-2.0	335.2	324.8	7.6	29.9	0.6	0
99.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	10.0	430.5	950.0	26.4	7.6	19.2	2.2	0.6	2.1	305.0	324.4	6.9	30.3	0.3	134
1.3	11.9	724.5	925.0	23.8	5.7	8.6	3.0	-0.5	-3.0	304.8	324.4	6.2	31.1	0.3	133
2.3	14.1	962.9	905.0	21.8	4.6	6.9	4.8	-0.5	-4.5	304.8	321.5	5.9	32.5	0.6	131
3.3	16.1	1206.3	875.0	19.6	3.8	358.3	3.7	0.1	-3.7	304.9	321.3	5.8	33.1	0.8	130
3.8	18.4	1459.7	850.0	17.0	3.2	358.3	3.3	0.2	-2.3	304.7	320.8	5.7	33.6	1.0	129
4.7	20.6	1708.2	825.0	14.7	-0.7	3.8	2.8	-0.2	-2.8	304.7	317.4	4.4	34.9	1.1	128
5.6	22.8	1967.4	800.0	12.4	-5.3	37.7	1.7	0.7	-1.5	305.8	315.5	3.3	37.5	1.3	128
6.4	25.2	2234.0	775.0	10.1	-2.9	193.6	1.7	0.4	1.6	307.5	319.2	4.0	35.0	1.3	128
7.4	27.4	2507.9	750.0	10.1	4.5	221.0	6.4	4.2	4.8	308.4	328.6	7.1	69.0	1.1	178
8.3	29.9	2789.3	725.0	8.0	4.8	230.0	13.8	8.3	7.0	309.3	333.5	7.5	80.0	0.8	154
9.3	32.5	3079.1	700.0	6.9	0.4	228.6	15.6	11.7	10.3	310.9	337.3	5.6	63.0	1.3	128
10.2	35.1	3377.7	675.0	6.3	-9.6	227.6	18.4	13.9	12.4	313.6	321.4	2.7	30.8	1.8	78
11.3	37.6	3685.8	650.0	3.6	-6.4	228.1	20.4	15.9	14.3	313.6	324.6	3.7	49.3	3.3	64
12.4	40.3	4033.0	625.0	1.0	-7.9	220.7	22.1	14.4	16.8	314.0	324.1	3.4	51.6	4.3	57
13.6	42.9	4329.9	600.0	-1.4	-12.4	218.7	23.9	15.2	18.4	314.8	322.2	2.4	41.5	5.9	52
14.9	45.7	4607.3	575.0	-4.3	-13.9	220.6	25.8	16.0	18.6	315.2	324.3	2.3	47.1	7.7	49
16.0	48.4	5015.9	550.0	-6.8	-28.7	228.7	27.7	16.5	16.3	316.0	318.2	0.6	15.8	9.4	48
17.4	51.4	5377.5	525.0	-8.8	-31.3	238.8	29.3	21.2	13.9	317.9	319.7	0.5	14.2	11.4	42
18.7	54.5	5753.6	500.0	-11.5	-33.3	233.9	28.7	21.6	15.7	319.0	320.6	0.5	14.4	13.5	36
20.0	57.5	6148.4	475.0	-13.4	-36.7	230.4	28.2	21.7	18.0	321.4	322.9	0.4	14.6	15.7	30
21.5	60.9	6554.6	450.0	-16.0	-38.7	232.8	28.4	22.0	17.2	323.0	324.3	0.4	14.9	18.2	25
22.9	64.3	6982.8	425.0	-18.9	-34.9	237.6	27.8	23.5	14.9	324.7	325.8	0.3	15.1	20.5	21
24.4	67.5	7432.1	400.0	-21.7	-41.0	243.8	26.2	25.3	12.5	326.8	327.7	0.3	15.4	23.1	15
26.0	71.0	7903.4	375.0	-25.6	-44.0	248.6	35.3	31.9	15.1	327.6	328.4	0.2	21.1	25.8	11
27.6	75.0	8399.0	350.0	-25.9	-45.0	245.4	41.1	37.4	17.1	328.4	329.1	0.2	21.1	29.5	55
29.2	79.3	8922.3	325.0	-34.5	-43.5	242.7	41.1	36.6	18.8	329.0	329.9	0.2	39.5	33.5	54
31.1	83.0	9476.5	300.0	-38.6	-48.9	241.6	43.1	37.9	20.4	330.8	331.5	0.2	40.7	36.0	57
33.2	87.2	10176.3	275.0	-41.7	99.9	237.8	48.3	40.9	25.8	330.6	999.9	99.9	99.9	44.8	57
35.4	92.0	10708.4	250.0	-47.3	99.9	240.6	38.6	35.6	19.0	335.7	999.9	99.9	99.9	53.2	57
38.8	96.5	11399.0	225.0	-52.3	99.9	244.4	42.5	38.3	18.4	338.4	999.9	99.9	99.9	56.8	58
41.0	102.3	12152.1	200.0	-56.6	99.9	248.4	47.1	42.8	19.6	343.2	999.9	99.9	99.9	68.2	59
43.8	108.3	12991.2	175.0	-59.9	99.9	248.1	40.6	37.7	15.1	351.2	999.9	99.9	99.9	73.0	59
47.3	114.5	13956.7	150.0	-60.1	99.9	249.0	50.4	47.1	18.0	365.8	999.9	99.9	99.9	80.9	61
51.8	121.7	15395.8	125.0	-61.3	99.9	264.9	37.2	37.1	3.3	384.1	999.9	99.9	99.9	92.2	62
56.9	129.7	16458.5	100.0	-68.3	99.9	258.3	35.2	35.1	9.0	399.7	999.9	99.9	99.9	103.7	66
62.9	138.3	18156.7	75.0	-70.2	99.9	228.3	50.7	3.8	3.4	425.7	999.9	99.9	99.9	108.1	68
71.7	147.3	23680.5	50.0	-60.4	99.9	340.8	5.7	1.9	-8.4	501.2	999.9	99.9	99.9	107.0	64
84.5	156.5	25102.9	25.0	-49.7	99.9	309.4	3.0	2.3	-1.9	641.9	999.9	99.9	99.9	104.3	64

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 265  
MIDLAND, TEX

6 MAY 1975  
2315 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CORR M/SEC	PCT T DG K	E POT T DG K	MR RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.1	12.9	873.0	908.2	25.0	-3.4	240.0	5.7	4.9	5.9	35.9	316.6	3.3	18.0	5.2	0
0.9	66.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	13.6	942.4	900.0	23.3	2.7	232.9	9.4	7.5	5.7	30.6	328.8	7.9	39.3	6.3	30
1.0	15.1	1196.7	875.0	20.3	4.8	231.6	8.2	5.1	5.1	30.7	323.2	6.2	36.2	3.6	41
1.7	18.3	1445.7	850.0	17.8	3.8	226.2	7.6	5.5	5.2	30.6	321.3	5.5	36.7	0.8	44
2.4	20.6	1600.9	825.0	15.4	1.0	215.7	6.9	4.4	5.3	30.6	319.9	5.7	37.5	1.2	44
3.1	23.1	1955.7	800.0	13.0	-0.9	221.7	7.2	4.8	5.4	30.6	318.5	4.5	38.4	1.5	43
3.8	25.5	2225.4	775.0	10.5	-2.5	232.0	9.7	7.6	6.7	30.7	317.6	4.1	40.0	1.8	43
4.5	28.2	2497.0	750.0	7.9	-4.5	250.8	11.4	10.8	3.8	30.6	316.3	3.7	41.2	2.2	46
5.2	30.7	2775.5	725.0	5.3	-6.7	263.3	11.4	11.3	1.3	30.7	315.6	3.4	43.9	2.6	52
6.1	33.3	3060.9	700.0	2.7	-7.4	265.0	13.6	13.6	1.2	30.9	315.1	3.1	47.2	3.2	58
7.0	36.3	3353.8	675.0	0.1	-9.0	268.2	15.3	15.3	0.8	30.1	314.6	2.9	50.2	3.9	64
8.2	38.9	3654.8	650.0	-2.8	-11.1	262.7	19.4	19.3	2.5	30.1	313.6	2.6	52.9	5.1	70
9.6	41.6	3965.5	625.0	-1.1	-10.5	251.0	23.3	22.1	7.6	31.4	312.7	1.7	59.9	7.0	72
11.9	44.6	4291.6	600.0	-2.2	-10.6	241.0	28.6	19.7	10.9	31.7	312.2	1.7	62.0	10.0	80
13.1	47.7	4628.8	575.0	-3.8	-17.7	237.1	28.0	20.1	13.0	31.7	321.0	1.7	63.0	11.7	86
14.1	50.7	4977.9	550.0	-6.7	-20.3	236.3	28.7	20.7	13.5	31.3	320.7	1.4	63.0	13.1	87
15.0	53.9	5338.7	525.0	-10.1	-23.3	238.2	25.3	21.8	13.3	31.4	320.0	1.1	63.0	14.4	89
16.0	57.1	5713.3	500.0	-13.6	-26.4	239.8	23.0	21.6	12.6	31.5	319.4	0.9	63.0	16.0	85
17.4	60.6	6100.2	475.0	-16.7	-29.7	240.0	28.2	24.4	14.1	31.7	319.8	0.7	63.0	18.1	84
19.3	64.2	6534.5	450.0	-18.8	-30.7	243.0	27.8	24.8	13.6	31.7	321.9	0.7	63.0	21.3	84
21.2	67.7	6925.6	425.0	-21.8	-33.4	248.6	30.6	27.7	13.2	32.1	322.9	0.5	63.0	24.6	84
22.0	71.3	7371.4	400.0	-25.6	-37.1	243.0	30.5	27.2	13.8	32.1	323.0	0.4	63.0	27.3	84
24.2	75.4	7836.2	375.0	-29.0	-40.1	242.9	33.3	29.6	15.2	32.2	323.2	0.3	63.0	30.1	84
26.3	79.7	8326.7	350.0	-32.0	-42.9	241.7	40.0	36.3	19.0	32.5	324.4	0.2	63.0	34.2	84
27.6	83.9	8846.4	325.0	-35.7	-46.6	239.5	47.7	38.5	22.7	32.7	326.1	0.2	63.0	38.6	83
29.5	88.2	9358.1	300.0	-39.9	-50.9	238.0	47.6	40.4	29.2	32.9	328.1	99.9	99.9	43.8	83
31.5	93.2	9998.2	275.0	-44.3	-54.9	236.3	47.7	41.0	24.4	99.9	99.9	99.9	99.9	48.0	82
33.3	98.3	10618.3	250.0	-48.3	-58.9	238.6	47.8	40.8	24.9	33.2	99.9	99.9	99.9	54.6	82
35.7	103.3	11324.6	225.0	-52.8	-62.9	236.8	46.4	39.8	25.4	33.6	99.9	99.9	99.9	61.8	82
38.5	109.3	12050.6	200.0	-55.3	-66.9	236.5	42.2	38.7	23.9	34.2	99.9	99.9	99.9	69.1	81
41.4	115.4	12913.7	175.0	-58.3	-70.9	240.9	28.5	28.9	13.9	35.7	99.9	99.9	99.9	76.7	81
44.6	122.3	13845.2	150.0	-62.3	-74.9	247.4	46.7	43.2	18.0	36.7	99.9	99.9	99.9	86.0	81
48.2	130.3	15029.1	125.0	-66.5	-78.9	253.5	43.2	41.8	16.8	38.6	99.9	99.9	99.9	95.4	82
53.1	137.8	16396.7	100.0	-69.4	-82.9	242.7	31.4	27.9	14.4	40.3	99.9	99.9	99.9	105.3	83
58.7	148.7	18144.6	75.0	-80.7	-90.9	272.6	41.9	4.1	-0.2	42.8	99.9	99.9	99.9	111.7	83
66.8	164.7	23645.1	50.0	-81.2	-94.9	13.1	57.9	-1.3	-8.6	49.2	99.9	99.9	99.9	118.3	83
80.0	182.7	25100.7	25.0	-80.5	-99.9	28.7	8.1	-3.4	-7.3	62.6	99.9	99.9	99.9	119.0	83

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270  
FL PASCO, TEX

6 MAY 1975  
2315 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CHTCT	WRIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIM DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E POT T DG K	MR RTO GPM/KG	RM PCT	RANGE KM	AZ DG
2.0	16.2	1193.0	874.5	22.5	-10.6	240.0	6.2	5.0	3.1	307.5	313.4	1.9	10.0	7.0	3.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	16.5	1436.9	850.0	17.9	-6.8	245.6	4.4	4.0	1.8	305.2	313.3	2.7	18.0	0.6	6.0
1.7	22.9	1420.5	825.0	14.9	-8.0	249.7	7.8	7.3	2.7	304.7	314.2	2.8	15.7	1.3	6.7
2.7	23.1	1949.5	800.0	12.9	-9.6	245.7	10.0	9.2	4.1	305.2	314.3	2.3	19.8	1.5	6.8
3.8	28.4	2214.9	775.0	10.3	-11.6	248.4	12.5	11.6	4.6	305.2	314.3	2.0	20.3	1.2	6.8
4.6	27.6	2486.3	750.0	8.1	-11.6	256.4	13.6	13.5	3.3	305.6	311.9	2.1	23.2	9	6.7
6.1	30.1	2764.5	725.0	5.5	-12.6	251.3	16.8	15.7	5.3	305.7	311.8	2.0	28.6	4.2	6.9
7.3	32.7	3045.6	700.0	2.1	-14.3	240.5	18.8	17.7	6.3	305.0	310.5	1.8	28.6	3.5	6.5
8.3	35.2	3341.9	675.0	-0.2	-15.8	249.7	21.5	20.0	7.8	305.6	310.7	1.6	32.4	6.7	7.0
9.2	37.7	3642.4	650.0	-2.8	-17.0	249.6	22.2	20.7	8.1	305.9	310.7	1.5	32.4	7.9	6.9
10.1	40.3	3951.9	625.0	-5.0	-22.0	251.9	23.3	22.2	7.2	306.8	310.1	1.1	28.1	9.3	6.9
10.9	42.9	4271.2	600.0	-7.3	-26.3	254.7	26.1	25.2	6.9	307.8	310.2	0.8	20.6	10.2	7.0
11.7	45.7	4601.7	575.0	-9.4	-30.7	255.7	28.7	27.8	7.1	309.1	310.9	0.8	16.8	11.6	7.0
12.4	48.6	4943.6	550.0	-11.6	-31.7	257.9	28.3	27.7	5.9	310.3	312.0	0.8	16.9	13.1	7.1
13.6	51.3	5295.8	525.0	-13.7	-33.4	262.1	27.1	26.8	3.7	312.0	313.4	0.4	17.1	14.9	7.2
15.0	54.3	5668.2	500.0	-15.7	-35.3	258.0	30.4	29.7	6.3	313.9	315.2	0.4	16.7	17.2	7.3
16.9	57.1	6053.5	475.0	-17.4	-37.2	253.1	28.5	27.3	8.3	316.4	317.9	0.3	15.8	20.6	7.4
18.6	60.4	6459.1	450.0	-18.6	-38.2	244.0	31.5	28.3	13.8	319.8	320.9	0.3	15.9	23.3	7.3
19.6	63.4	6881.1	425.0	-22.4	-41.1	239.2	33.0	28.4	16.9	320.3	321.2	0.2	16.2	25.5	7.2
20.8	66.9	7323.0	400.0	-28.2	-44.1	238.6	33.0	28.2	17.2	320.9	321.5	0.2	16.2	27.9	7.1
22.4	70.3	7786.3	375.0	-30.2	-46.5	238.3	31.0	26.3	16.4	321.5	322.1	0.2	14.4	29.9	7.0
23.4	73.9	8272.1	350.0	-34.3	-48.4	242.2	35.5	31.4	16.5	322.4	322.9	0.1	22.1	35.8	6.9
24.9	77.8	8746.4	325.0	-38.8	-52.1	244.6	36.8	33.2	15.8	323.1	323.4	0.1	22.8	38.1	6.9
26.7	81.6	9229.5	300.0	-44.0	-56.9	245.7	33.2	30.2	13.6	323.3	323.9	99.9	99.9	39.6	6.8
29.7	85.7	9908.5	275.0	-47.9	-59.9	245.0	40.2	36.4	17.0	325.9	325.9	99.9	99.9	44.1	6.8
31.0	90.2	10533.3	250.0	-50.8	-59.9	239.2	39.5	37.9	20.2	330.9	330.9	99.9	99.9	49.4	6.7
32.9	94.6	11213.2	225.0	-54.7	-59.9	241.7	57.0	50.2	27.0	334.7	334.7	99.9	99.9	54.8	6.7
35.7	99.4	11962.4	200.0	-58.4	-59.9	237.9	64.2	46.0	28.6	338.5	338.5	99.9	99.9	60.1	6.6
38.6	105.3	12816.3	175.0	-54.8	-59.9	238.3	51.8	43.7	27.0	339.5	339.5	99.9	99.9	71.7	6.5
42.1	110.8	13801.6	150.0	-54.8	-59.9	248.3	24.1	21.9	10.1	378.0	378.0	99.9	99.9	82.1	6.4
45.9	117.3	14967.1	125.0	-55.6	-59.9	240.3	21.7	18.9	10.8	344.4	344.4	99.9	99.9	88.6	6.4
53.4	124.8	16374.2	100.0	-60.5	-59.9	249.8	20.3	19.0	7.0	410.9	410.9	99.9	99.9	97.3	6.3
58.7	132.7	18134.9	75.0	-66.7	-59.9	233.1	4.0	3.2	2.4	433.1	433.1	99.9	99.9	134.6	6.3
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

9 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
9 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IN  
OF POOR QUALITY

STATION NO. 327  
NASHVILLE, TENN

6 MAY 1975  
2315 GMT

TIME MIN	CHTCY	WPGHT GFM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT Y DG K	E PUT Y DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
00	6.4	180.0	990.5	20.0	18.7	360.0	0.0	0.0	0.0	298.9	321.8	12.8	92.0	0.0	0.0
01	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	7.8	316.1	975.0	19.2	19.2	214.2	4.1	2.3	3.4	299.8	323.2	10.4	72.1	7.2	7.0
03	10.0	540.4	950.0	19.9	12.8	216.8	9.0	4.8	6.4	298.7	328.2	9.9	63.8	0.8	2.4
04	12.0	770.0	925.0	18.4	10.9	211.7	9.3	7.9	4.2	299.3	323.4	8.9	61.8	1.0	3.8
05	14.3	1035.1	900.0	17.7	9.7	215.9	10.2	9.4	4.2	307.9	323.9	8.4	59.4	1.5	4.7
06	16.4	1245.9	875.0	16.3	8.5	215.4	9.8	9.6	4.0	301.8	323.8	8.0	56.7	2.1	5.2
07	18.7	1491.8	850.0	14.1	7.0	211.1	10.2	9.6	3.3	301.9	323.4	7.4	62.4	2.8	5.8
08	20.9	1743.5	825.0	12.6	5.7	214.3	11.6	11.1	3.1	302.9	323.3	7.0	62.6	3.2	5.9
09	23.2	2013.2	800.0	10.6	5.5	215.9	13.9	13.5	7.4	303.4	323.2	7.1	70.5	3.9	6.2
10	25.5	2268.3	775.0	8.3	4.4	210.5	14.3	13.5	4.4	303.6	322.6	6.8	76.2	4.8	6.4
11	27.9	2537.5	750.0	6.4	3.2	217.2	12.1	11.1	4.7	311.4	322.5	6.5	79.9	5.6	6.5
12	30.3	2813.4	725.0	4.9	1.3	210.3	8.9	7.7	4.4	315.6	322.1	5.8	77.8	6.2	6.8
13	32.1	3069.5	700.0	3.2	0.7	214.4	7.6	4.2	4.4	319.7	322.4	5.3	79.8	6.7	6.9
14	34.6	3393.6	675.0	0.5	-0.9	214.6	7.0	5.7	4.0	306.9	322.1	5.3	90.2	7.2	6.3
15	36.2	3666.0	650.0	-1.3	-1.3	213.3	6.4	5.1	3.8	314.1	321.5	5.4	131.3	7.6	6.3
16	38.8	4008.3	625.0	-2.9	-2.0	219.5	7.6	4.5	3.8	319.7	324.2	4.9	101.1	7.9	6.2
17	41.7	4331.6	600.0	-4.2	-4.2	219.9	7.8	7.3	2.7	311.9	324.9	4.7	107.9	8.4	6.3
18	44.6	4666.7	575.0	-6.4	-6.4	213.1	6.5	6.5	1.8	313.0	328.4	4.1	100.6	8.8	6.3
19	47.5	5012.7	550.0	-9.3	-9.3	213.5	6.5	6.4	-1.8	313.4	323.8	3.4	100.1	9.2	6.5
20	50.4	5372.0	525.0	-10.8	-12.2	217.9	10.0	9.9	-1.4	315.7	324.6	2.9	89.8	9.8	6.7
21	53.6	5745.9	500.0	-13.3	-14.7	217.8	11.4	11.3	-2.0	317.1	324.7	2.4	84.8	10.6	7.0
22	56.7	6134.5	475.0	-16.1	-17.4	219.2	12.4	12.3	-2.0	318.3	324.8	2.1	89.5	11.8	7.3
23	59.9	6539.9	450.0	-18.7	-20.1	213.8	13.7	10.7	-0.7	319.9	326.4	1.7	88.5	12.6	7.5
24	62.1	6964.2	425.0	-21.3	-27.5	218.8	17.4	9.4	-3.3	321.7	324.9	0.9	57.2	13.4	7.6
25	65.3	7438.8	400.0	-24.4	-31.6	302.5	11.1	9.4	-6.0	323.3	328.7	0.7	50.9	14.8	8.0
26	68.5	7875.0	375.0	-28.9	-44.3	310.0	11.9	9.1	-7.7	323.3	324.0	0.2	21.4	18.4	8.1
27	71.7	8345.1	350.0	-32.4	-38.2	298.5	12.9	11.4	-6.2	325.1	324.5	0.4	56.5	16.4	8.7
28	74.9	8834.5	325.0	-35.9	-39.9	275.9	13.6	13.8	-1.4	327.1	324.4	0.4	68.4	18.0	8.8
29	78.1	9339.1	300.0	-40.4	99.9	270.8	16.7	16.7	-0.2	329.4	329.9	99.9	99.9	20.0	8.8
30	81.3	10021.8	275.0	-45.4	99.9	270.8	16.7	16.7	-0.2	329.4	329.9	99.9	99.9	22.4	8.9
31	84.5	10657.3	250.0	-50.3	99.9	275.9	19.2	16.1	-4.6	331.3	329.9	99.9	99.9	28.2	9.0
32	87.7	11286.9	225.0	-56.5	99.9	277.9	18.2	16.1	-8.5	331.9	329.9	99.9	99.9	31.8	9.1
33	90.9	11966.4	200.0	-62.6	99.9	290.1	22.0	20.7	-7.6	333.7	329.9	99.9	99.9	37.1	9.4
34	94.1	12666.4	175.0	-68.6	99.9	288.7	27.0	26.0	-7.3	331.6	324.5	99.9	99.9	44.8	9.8
35	97.3	13421.1	150.0	-75.7	99.9	287.3	33.8	32.3	-10.0	337.0	329.9	99.9	99.9	53.4	10.3
36	100.5	14229.7	125.0	-83.3	99.9	286.5	24.7	23.4	-7.6	336.8	329.9	99.9	99.9	62.3	10.5
37	103.7	15072.4	100.0	-90.7	99.9	305.2	20.2	16.3	-12.0	340.5	329.9	99.9	99.9	67.6	10.4
38	107.1	15982.8	75.0	-93.2	99.9	317.4	9.4	6.5	-7.0	440.8	329.9	99.9	99.9	68.8	10.6
39	110.3	16976.6	50.0	-93.0	99.9	301.3	4.4	-4.3	0.6	488.0	329.9	99.9	99.9	68.8	10.6
40	113.5	18068.6	25.0	-94.2	99.9	296.5	1.4	1.3	-0.6	629.1	329.9	99.9	99.9	67.3	10.7

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
 LITTLE ROCK, ARK

 6 MAY 1975  
 2315 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	6.2	79.0	997.6	25.5	20.1	200.0	3.2	1.1	3.0	310.9	340.7	15.0	72.0	0.0	0
00.9	98.3	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.8	6.5	287.5	975.0	23.1	23.0	180.1	3.4	0.0	3.4	300.6	342.5	15.0	88.0	0.1	0
1.7	10.8	507.2	950.0	21.4	19.3	190.1	6.7	1.2	6.6	303.9	343.8	15.1	88.0	0.4	0
2.7	13.5	738.8	925.0	20.0	17.9	203.6	9.1	3.6	8.3	321.7	339.4	14.2	88.0	0.9	11
3.5	15.8	975.4	920.0	18.6	17.8	220.2	9.1	5.9	6.9	342.6	341.1	14.4	88.1	1.3	19
4.6	14.6	1217.9	875.0	17.7	16.4	237.4	7.7	6.5	4.2	360.0	340.7	13.4	92.1	1.8	27
5.5	21.0	1466.0	850.0	16.2	15.0	237.3	6.8	5.7	3.7	354.8	339.4	12.7	92.4	2.1	33
6.5	23.8	1723.1	825.0	14.3	13.4	232.7	8.4	6.7	5.1	305.3	337.7	11.9	94.6	2.6	37
7.5	27.3	1983.1	800.0	12.5	11.7	217.6	7.4	4.5	5.4	305.9	335.8	10.9	94.6	3.0	39
8.6	29.2	2246.4	775.0	10.4	7.4	203.6	6.1	3.3	7.4	376.1	339.5	8.4	81.5	3.5	37
9.7	32.0	2519.0	750.0	8.9	3.6	206.8	8.5	3.8	7.8	307.1	325.7	6.6	68.9	4.1	35
10.9	35.0	2800.1	725.0	9.4	-3.6	225.2	8.0	5.7	5.6	313.3	322.3	4.0	39.6	4.7	38
12.1	37.8	3167.6	700.0	8.4	-20.6	242.4	7.7	6.8	3.6	311.8	313.5	0.5	5.0	5.2	37
13.3	40.7	3599.5	675.0	6.2	-19.5	266.0	8.7	8.4	2.3	312.7	316.6	1.2	13.9	5.7	40
14.6	43.8	3697.2	650.0	3.7	-21.7	266.0	10.8	10.0	0.4	313.3	316.7	1.0	13.5	6.3	48
15.8	46.9	4114.1	625.0	1.3	-24.4	270.1	10.2	14.2	-0.0	314.0	316.7	0.8	12.4	6.9	49
17.1	50.1	4340.5	600.0	-1.7	-25.4	267.4	11.9	11.9	0.2	314.2	316.9	0.8	14.4	7.5	53
18.4	53.3	4577.2	575.0	-4.8	-26.2	268.1	13.1	13.1	0.4	314.7	317.0	0.8	16.7	8.3	57
19.8	56.4	5247.7	550.0	-7.9	-28.7	265.9	15.2	15.2	1.1	314.7	316.9	0.6	16.9	9.4	51
21.3	59.0	5384.6	525.0	-9.7	-33.5	265.5	17.5	17.5	1.4	316.7	318.2	0.4	12.2	12.7	64
22.7	63.6	5760.6	500.0	-11.1	-46.7	257.0	17.7	17.3	4.0	319.5	319.0	0.1	3.4	12.2	66
24.1	67.0	6152.3	475.0	-13.4	-43.6	253.1	19.2	14.4	5.6	321.3	321.9	0.2	5.7	13.7	67
25.5	70.5	6562.3	450.0	-15.3	-54.2	247.3	18.2	16.8	7.0	323.9	324.1	0.1	2.2	15.4	67
27.1	74.5	6960.9	425.0	-16.7	-57.3	252.7	17.4	16.6	6.2	324.9	326.3	0.0	1.8	17.0	68
29.7	78.5	7443.2	400.0	-21.8	-57.8	248.1	20.5	20.9	0.7	326.6	326.8	0.0	2.2	18.7	69
30.3	82.5	7912.2	375.0	-25.1	-58.6	270.7	30.0	30.0	-0.4	328.3	328.5	0.0	2.7	21.0	71
32.3	86.7	8409.7	350.0	-29.0	-60.1	268.9	31.1	31.1	0.6	329.5	329.6	0.0	3.8	24.5	74
34.0	91.2	8934.1	325.0	-33.9	-62.2	264.4	29.8	29.6	2.5	329.9	330.0	0.0	3.9	27.7	76
36.2	95.4	9489.5	300.0	-38.1	-64.0	265.0	29.0	28.9	2.5	331.6	331.7	0.0	4.8	31.4	77
38.5	100.8	10082.7	275.0	-42.6	99.9	264.9	34.2	34.1	3.0	333.5	99.9	99.9	99.9	38.7	78
40.5	105.4	10718.7	250.0	-47.4	99.9	260.0	32.9	32.9	1.1	335.6	95.9	99.9	99.9	44.8	80
43.1	111.3	11437.7	225.0	-52.3	99.9	270.3	37.4	37.4	-0.2	338.4	95.9	99.9	99.9	51.2	81
45.4	117.3	12160.4	200.0	-57.8	99.9	273.5	42.0	41.9	-2.5	341.3	99.9	99.9	99.9	57.4	82
48.4	123.8	12991.8	175.0	-62.4	99.9	275.3	40.2	40.0	-2.7	348.9	99.9	99.9	99.9	65.6	84
52.0	130.8	13768.2	150.0	-64.5	99.9	272.6	38.7	38.7	-1.6	359.0	99.9	99.9	99.9	74.4	86
55.9	138.0	15047.0	125.0	-64.9	99.9	275.8	32.4	32.2	-3.3	377.4	99.9	99.9	99.9	82.6	86
60.9	148.3	16411.6	100.0	-63.1	99.9	280.6	28.7	28.3	-4.8	405.9	99.9	99.9	99.9	84.7	86
64.9	153.3	18191.5	75.0	-62.1	99.9	326.7	5.4	3.0	-4.5	432.8	99.9	99.9	99.9	87.4	86
75.3	161.7	20455.8	50.0	-61.9	99.9	28.9	7.3	-3.5	-6.4	477.8	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

 \* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

6 MAY 1975  
2315 GMT

TIME MIN	CNTCT	HEIGHT GFN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CLMP M/SEC	POT T DG K	E POT T DG K	NR RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	7.0	438.0	954.6	25.6	15.7	170.0	3.6	-0.6	3.5	34.8	34.8	18.4	70.0	0.0	0.
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.1	7.4	440.6	950.0	24.4	14.8	99.9	99.9	99.9	99.9	34.0	34.0	18.6	70.8	99.9	99.9
1.0	9.5	713.8	923.0	22.1	17.2	99.9	99.9	99.9	99.9	33.7	33.7	13.5	73.9	99.9	99.9
2.0	11.9	551.9	923.0	20.0	16.5	210.0	13.6	6.8	11.8	30.9	30.9	13.2	80.1	1.3	13.
3.0	13.9	1194.9	875.0	18.7	14.3	99.9	99.9	99.9	99.9	30.8	30.8	11.8	75.4	99.9	99.9
3.7	16.3	1444.0	850.0	18.5	9.5	99.9	99.9	99.9	99.9	30.8	30.8	8.8	55.6	99.9	99.9
4.4	18.6	1666.9	825.0	17.4	6.9	99.9	99.9	99.9	99.9	30.8	30.8	7.6	53.1	99.9	99.9
5.3	21.0	1961.6	800.0	15.9	0.2	99.9	99.9	99.9	99.9	30.8	30.8	4.9	34.2	99.9	99.9
6.1	23.4	2232.5	775.0	13.9	-1.1	99.9	99.9	99.9	99.9	30.8	30.8	4.9	35.8	99.9	99.9
7.1	25.6	2505.8	750.0	11.8	-4.0	99.9	99.9	99.9	99.9	30.8	30.8	3.8	33.3	99.9	99.9
7.8	28.9	2767.9	725.0	8.8	-8.6	217.5	13.4	6.1	10.6	30.6	30.6	3.5	35.4	4.9	37.
8.7	31.2	3076.9	700.0	6.1	-6.8	214.3	12.7	7.1	10.5	30.6	30.6	3.3	39.1	5.6	37.
9.6	33.7	3373.8	675.0	3.8	-8.2	214.0	12.6	7.2	10.4	31.0	31.0	3.1	41.1	6.3	37.
10.7	36.4	3679.1	650.0	0.9	-8.4	216.4	12.3	7.3	9.9	31.0	31.0	3.1	49.9	7.1	37.
11.9	39.1	3992.6	625.0	-2.0	-9.6	214.7	13.7	7.8	11.3	31.0	31.0	2.9	55.6	8.0	36.
13.5	42.0	4316.5	600.0	-3.0	-10.5	222.6	15.8	10.7	11.7	31.0	31.0	2.9	56.1	9.5	37.
15.0	45.0	4622.5	575.0	-5.3	-11.7	231.6	18.2	12.2	9.7	31.4	31.4	2.7	60.4	10.8	38.
16.1	48.0	5000.5	550.0	-7.8	-12.5	236.1	15.9	13.2	8.9	31.5	31.5	2.7	68.8	11.8	39.
17.2	50.9	5360.9	525.0	-10.9	-11.9	243.8	14.9	13.4	8.6	31.5	31.5	2.9	91.8	12.9	41.
19.5	53.9	5734.5	500.0	-13.3	-14.1	247.4	16.3	15.1	6.3	31.7	31.7	2.6	94.0	13.9	43.
19.9	57.0	6122.5	475.0	-15.3	-17.9	257.2	19.1	18.6	4.2	31.9	31.9	2.6	32.8	15.3	46.
21.5	60.4	6512.0	450.0	-18.3	-32.6	260.2	17.7	17.4	3.0	32.0	32.0	0.9	26.9	16.9	49.
23.1	63.8	6954.2	425.0	-21.2	-35.4	258.4	19.9	19.4	4.7	32.1	32.1	0.4	26.4	18.3	52.
24.6	67.3	7399.7	400.0	-23.9	-37.5	250.6	17.1	16.1	9.7	32.3	32.3	0.4	26.9	20.3	55.
26.1	70.8	7867.5	375.0	-27.7	-31.8	240.2	13.6	11.6	6.6	32.5	32.5	0.7	67.8	21.2	58.
27.6	74.8	8367.5	350.0	-31.2	-36.0	238.2	21.1	17.9	11.1	32.7	32.7	0.5	62.0	22.7	58.
29.7	78.7	8852.3	325.0	-34.4	-40.6	236.8	26.7	23.1	12.4	32.9	32.9	0.2	27.8	25.9	58.
31.8	83.0	9437.3	300.0	-38.4	-52.2	245.5	30.3	27.6	12.5	33.2	33.2	0.1	21.4	29.3	58.
33.9	87.4	10030.7	275.0	-43.1	99.9	248.4	32.0	29.8	11.8	33.8	33.8	99.9	99.9	33.0	58.
36.1	92.3	10666.1	250.0	-48.2	99.9	246.2	35.8	32.8	14.4	34.5	34.5	99.9	99.9	37.4	56.
38.6	97.2	11352.7	225.0	-53.4	99.9	246.6	31.1	29.6	12.1	35.7	35.7	99.9	99.9	42.2	60.
41.4	102.4	12102.6	200.0	-58.1	99.9	241.3	33.9	29.8	10.3	36.7	36.7	99.9	99.9	47.8	62.
44.6	108.4	12936.7	175.0	-61.4	99.9	244.5	34.2	30.8	10.7	36.6	36.6	99.9	99.9	54.0	61.
47.8	114.7	13807.9	150.0	-63.3	99.9	253.7	33.3	32.0	9.4	36.1	36.1	99.9	99.9	60.7	61.
52.0	120.4	14611.4	125.0	-63.4	99.9	272.7	25.6	25.0	-1.2	38.0	38.0	99.9	99.9	66.7	64.
56.8	126.1	15397.3	100.0	-58.8	99.9	264.7	18.4	16.4	1.5	41.1	41.1	99.9	99.9	72.9	66.
62.3	138.1	16180.5	75.0	-62.0	99.9	302.0	8.8	7.4	-4.8	44.0	44.0	99.9	99.9	78.5	69.
70.8	147.7	20697.9	50.0	-59.5	99.9	324.0	3.4	2.6	-2.7	50.4	50.4	99.9	99.9	74.0	72.
83.8	157.5	23114.7	25.0	-62.6	99.9	40.3	1.3	-0.8	-1.0	63.6	63.6	99.9	99.9	78.8	70.

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



ORIGINAL PAGE  
OF POOR QUALITY

STATION NO. 353  
OKLAHOMA CITY, OKLA

6 MAY 1975  
2315 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DEG K	E POT T DEG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	9.0	392.0	956.7	25.6	6.8	240.0	5.2	4.5	2.6	30.3	321.3	6.5	30.0	3.7	1.
0.0	9.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	9.7	472.1	950.0	25.1	6.0	230.0	7.1	5.8	4.1	30.5	320.9	6.2	29.3	0.2	40.
1.3	11.7	704.9	925.0	22.8	4.0	230.4	7.9	6.1	5.1	30.4	319.7	5.5	29.4	0.6	53.
2.3	14.0	942.1	900.0	20.5	3.2	223.3	6.5	4.5	4.7	30.3	318.5	5.4	31.9	1.0	51.
3.2	16.1	1184.1	875.0	18.0	1.6	223.3	7.3	5.2	5.2	30.2	317.1	4.9	33.1	1.4	49.
4.3	18.4	1431.6	850.0	15.6	-0.5	218.9	8.9	5.6	6.9	30.1	315.5	4.3	33.1	1.9	47.
5.2	20.7	1653.1	825.0	13.5	-2.4	222.6	10.9	7.4	8.0	30.3	314.5	3.9	33.1	2.5	45.
6.2	23.0	1866.9	800.0	11.1	-4.5	229.7	12.3	9.4	8.0	30.4	313.3	3.4	33.1	3.1	43.
7.1	25.8	2055.0	775.0	9.4	-6.9	241.3	15.4	13.5	7.5	30.2	312.9	2.9	31.0	3.9	47.
8.0	27.9	2276.0	750.0	8.3	-8.8	241.3	19.4	17.0	9.3	30.0	313.8	2.6	28.6	4.8	50.
9.3	30.5	2755.5	725.0	7.0	-8.8	231.6	21.2	18.6	13.2	30.5	315.6	2.7	31.2	6.4	52.
10.6	33.2	3043.0	700.0	5.0	-9.7	216.8	14.8	11.9	15.9	30.4	316.3	2.6	33.6	8.0	51.
11.9	35.6	3378.0	675.0	3.0	-9.0	215.0	21.0	18.1	17.2	30.5	316.0	3.9	58.9	9.6	48.
13.3	38.2	3643.6	650.0	1.5	-12.3	216.5	21.6	18.8	17.3	31.9	317.5	2.3	34.9	11.2	46.
14.6	40.9	3957.9	625.0	-1.1	-19.7	217.8	24.7	19.1	19.5	31.3	318.9	1.3	22.9	13.0	45.
15.7	43.6	4292.4	600.0	-2.7	-22.6	219.2	28.2	17.6	21.9	31.1	316.4	1.0	19.8	14.8	44.
17.0	46.9	4618.5	575.0	-4.5	-24.1	221.5	27.6	18.5	20.8	31.8	317.9	0.9	19.9	17.1	43.
18.5	50.0	4866.9	550.0	-6.8	-25.9	225.1	27.4	19.4	19.4	31.5	318.9	0.7	20.2	19.5	43.
20.0	53.2	5328.5	525.0	-9.1	-27.8	228.5	26.6	19.9	17.6	31.5	320.0	0.6	20.4	24.4	45.
21.6	56.0	5703.5	500.0	-12.6	-30.6	232.8	24.6	19.6	14.9	31.7	319.8	0.6	20.5	26.9	45.
23.3	59.4	6063.0	475.0	-15.2	-32.8	231.7	25.3	19.9	15.7	31.2	323.9	0.5	20.5	29.1	46.
24.9	63.7	6499.8	450.0	-17.4	-34.6	230.6	22.7	17.5	16.4	32.3	323.9	0.4	20.7	29.1	46.
26.3	66.4	6925.0	425.0	-21.2	-37.7	233.2	23.9	19.1	14.3	32.4	324.4	0.3	20.9	31.1	46.
27.8	70.1	7365.6	400.0	-24.3	-40.2	234.9	21.6	17.7	12.4	32.4	324.4	0.3	21.1	33.2	47.
29.6	74.0	7836.0	375.0	-28.5	-43.8	232.7	17.2	15.3	11.6	32.8	324.5	0.2	21.3	35.1	47.
31.7	78.2	8327.1	350.0	-32.1	-46.7	235.9	20.5	21.9	10.8	32.8	326.0	0.2	21.6	37.7	48.
33.6	82.3	8846.5	325.0	-36.2	-50.2	239.2	32.7	28.1	16.7	32.7	327.1	0.1	21.8	41.3	48.
35.0	86.6	9357.6	300.0	-40.0	-53.9	234.2	37.4	30.3	21.9	32.9	328.9	99.9	99.9	46.2	49.
38.2	91.4	9895.9	275.0	-44.4	-57.9	235.9	39.3	32.5	22.3	33.9	329.9	99.9	99.9	51.3	50.
40.8	96.4	10418.2	250.0	-49.1	-61.9	243.0	38.3	34.1	17.4	33.1	329.9	99.9	99.9	56.8	51.
43.5	101.5	11011.9	225.0	-53.8	-65.9	241.5	35.8	31.5	17.1	33.1	329.9	99.9	99.9	63.4	52.
46.4	107.3	11593.3	200.0	-58.3	-69.9	99.9	99.9	99.9	99.9	33.6	329.9	99.9	99.9	99.9	99.9
48.9	113.5	12018.8	175.0	-59.2	-69.9	99.9	99.9	99.9	99.9	33.3	329.9	99.9	99.9	99.9	99.9
53.4	120.2	13060.3	150.0	-57.9	-69.9	99.9	99.9	99.9	99.9	37.4	329.9	99.9	99.9	99.9	99.9
57.9	127.3	15013.3	125.0	-60.1	-69.9	253.3	9.6	9.1	1.2	38.3	329.9	99.9	99.9	92.6	55.
62.9	135.3	16399.9	100.0	-61.9	-69.9	232.2	23.2	20.1	1.8	40.2	329.9	99.9	99.9	100.3	56.
68.5	143.7	18172.2	75.0	-62.0	-69.9	12.4	9.6	-2.1	-0.4	42.9	329.9	99.9	99.9	107.4	57.
78.4	151.0	21087.7	50.0	-59.1	-69.9	226.9	13.0	9.8	8.9	50.2	329.9	99.9	99.9	104.9	57.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\*\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 154  
TINKER AFB, OKLA  
7 MAY 1975  
0 GMT

TIME MIN	CONTACT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	2 POT T DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	0.0	302.0	959.2	25.7	5.8	220.0	3.0	1.0	2.1	33.3	22.3	6.1	28.0	0.7	0
00.9	00.9	99.9	1000.0	59.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.9	01.9	99.9	975.0	59.9	99.9	92.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.9	02.9	477.8	950.3	25.6	4.7	44.2	0.5	-5.9	-6.1	324.0	319.9	8.6	28.9	0.3	223
1.4	11.5	711.2	925.0	23.6	1.7	42.1	0.0	-5.4	-6.0	324.1	317.8	4.7	23.7	0.7	223
2.4	13.6	949.1	900.0	21.3	-0.2	41.7	9.5	-6.3	-7.1	324.1	316.2	4.2	23.8	1.3	222
3.4	15.6	1161.0	875.0	19.0	-1.2	43.3	10.0	-6.8	-7.3	324.1	315.6	4.0	25.3	1.8	223
4.4	17.4	1436.4	850.0	16.6	-2.6	33.1	9.8	-5.4	-6.2	324.0	314.6	3.7	26.2	2.5	222
5.4	20.1	1652.4	825.0	14.5	-4.6	38.6	9.5	-5.9	-7.4	324.3	314.0	3.3	26.3	3.1	220
6.6	22.2	1951.1	800.0	12.0	-6.7	53.8	9.5	-7.4	-8.0	324.3	312.9	2.9	26.4	3.7	221
7.7	24.6	2215.8	775.0	10.1	-8.3	64.7	12.0	-11.5	-12.5	305.0	312.8	2.6	26.4	4.4	223
8.9	26.9	2487.7	750.0	8.9	-9.3	63.8	20.0	-10.2	-11.2	306.5	314.0	2.8	26.5	5.6	224
10.9	29.2	2767.9	725.0	6.1	-10.0	48.3	22.5	-16.8	-14.9	304.9	316.4	2.5	26.2	6.2	232
12.3	31.7	3056.6	700.0	6.1	-10.5	36.4	26.9	-12.4	-16.8	309.5	316.9	2.4	29.1	9.9	230
13.4	34.3	3353.5	675.0	3.4	-8.7	36.2	20.5	-12.4	-16.6	309.8	317.1	3.1	43.4	11.3	228
14.7	36.7	3658.0	650.0	1.1	-11.3	39.3	23.4	-14.6	-18.1	310.8	318.2	2.6	40.1	12.9	227
15.9	39.4	3972.1	625.0	-1.3	-15.6	37.9	24.3	-16.1	-20.7	311.1	316.7	1.8	32.3	14.7	226
17.0	41.9	4247.3	600.0	-1.9	-26.2	36.8	29.3	-18.8	-21.5	314.0	316.9	0.7	13.9	14.0	226
18.3	44.9	4633.9	575.0	-4.2	-27.9	42.4	30.6	-20.6	-22.5	315.1	317.3	0.7	13.7	18.9	225
19.6	47.7	4982.7	550.0	-6.3	-29.4	43.9	27.9	-19.3	-20.1	316.6	318.7	0.6	13.9	21.3	224
21.2	50.6	5345.2	525.0	-8.5	-31.9	50.4	26.7	-20.6	-17.1	318.2	319.9	0.5	13.1	23.7	225
23.3	53.6	5721.2	500.0	-11.7	-33.6	53.4	26.4	-20.3	-16.8	319.8	320.4	0.4	14.1	26.6	226
24.9	56.6	6111.7	475.0	-15.0	-34.8	52.7	26.8	-21.3	-16.2	320.4	320.9	0.4	16.4	29.5	226
26.5	59.9	6518.5	450.0	-17.3	-36.5	49.9	21.8	-16.7	-14.0	321.5	322.8	0.4	16.8	31.9	226
28.2	63.3	6944.6	425.0	-20.5	-39.0	54.4	22.9	-18.6	-13.3	322.7	323.8	0.3	17.1	34.2	227
29.9	66.7	7399.0	400.0	-24.3	-42.1	82.8	21.2	-16.9	-12.8	323.4	324.2	0.2	17.4	36.4	228
31.8	70.3	7856.9	375.0	-28.1	-46.2	81.9	17.6	-13.8	-10.9	324.4	325.0	0.2	15.7	38.7	227
33.6	73.9	8349.2	350.0	-31.8	-49.1	88.8	31.1	-26.6	-16.1	325.0	326.2	0.1	16.0	41.1	229
35.5	77.9	8867.1	325.0	-36.2	-52.6	53.0	36.3	-29.7	-20.8	326.7	327.1	0.1	16.3	44.5	226
37.9	82.3	9418.2	300.0	-40.1	-59.0	53.3	37.8	-33.2	-22.7	328.4	329.9	99.9	99.9	49.9	229
40.1	86.2	10074.2	275.0	-44.4	-64.4	55.0	37.6	-31.1	-21.1	331.0	332.8	99.9	99.9	55.3	230
42.5	91.0	10639.5	250.0	-48.9	-69.9	58.1	42.3	-35.9	-22.4	333.4	334.9	99.9	99.9	60.7	230
45.2	96.0	11224.3	225.0	-53.2	-74.9	53.4	42.8	-33.9	-25.1	336.9	338.9	99.9	99.9	67.7	231
47.9	101.3	11777.4	200.0	-58.6	-79.9	54.8	44.7	-36.6	-25.9	340.7	342.7	99.9	99.9	74.0	231
50.8	107.3	12423.8	175.0	-64.4	-84.9	61.0	43.6	-38.2	-21.1	343.8	345.8	99.9	99.9	81.3	232
54.3	113.8	13063.0	150.0	-68.3	-89.9	59.1	40.6	-34.8	-20.4	346.7	348.7	99.9	99.9	88.7	231
58.0	121.0	15036.7	125.0	-61.0	-94.9	58.2	34.0	-27.2	-16.9	349.5	351.5	99.9	99.9	95.3	233
62.6	129.5	16417.6	100.0	-62.2	-99.9	67.8	23.6	-21.8	-8.9	352.5	354.5	99.9	99.9	102.6	234
68.2	138.5	18185.5	75.0	-62.7	-99.9	266.7	6.1	2.7	5.4	461.4	463.4	99.9	99.9	105.8	234
76.1	146.3	23707.3	50.0	-57.2	-99.9	235.4	15.8	13.0	9.0	508.8	510.8	99.9	99.9	107.2	235
88.7	158.2	25142.4	25.0	-52.1	-99.9	238.6	2.8	2.4	1.4	634.8	636.8	99.9	99.9	108.8	236

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363  
ANARILLO, TEX

6 MAY 1978

2315 GMT  
ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

181 190 1

TIME MIN	CNTCT	WEIGHT CFM	PRES MB	TEMP DG C	DEW PT DG C	D14 DG	SPEED M/SEC	U COMP M/SEC	V CCMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/NG	RN PCT	RANGE KM	AZ DG
0.7	14.6	1095.0	981.9	19.4	-13.3	240.3	12.8	11.1	6.4	303.5	308.3	1.6	10.0	0.0	7.
99.9	99.9	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	15.2	1162.4	875.0	18.3	-2.9	999.9	99.9	99.9	99.9	303.3	313.5	3.8	23.5	999.9	99.9
1.2	17.5	1419.2	850.0	15.7	-3.1	999.9	99.9	99.9	99.9	303.1	313.4	3.6	27.2	999.9	99.9
2.1	19.9	1661.1	825.0	12.8	-5.5	241.1	17.7	15.5	6.8	302.6	311.9	3.1	27.3	1.7	61.
2.7	22.1	1919.4	800.0	10.7	-7.3	242.5	16.9	15.0	7.8	302.9	311.0	2.8	27.3	2.4	61.
3.4	24.6	2181.6	775.0	8.4	-9.3	244.7	15.1	13.7	6.5	303.1	310.3	2.4	27.4	3.0	61.
4.0	27.3	2452.8	750.0	5.5	-10.9	247.1	16.8	15.5	6.5	302.8	309.4	2.2	29.5	3.6	62.
4.6	29.6	2726.7	725.0	2.6	-12.6	250.0	16.0	15.0	5.4	302.8	308.9	2.0	30.9	4.2	63.
5.4	32.3	3009.9	700.0	2.1	-15.3	247.3	19.8	18.2	7.6	302.8	310.1	1.7	28.3	5.0	63.
6.2	35.3	3304.1	675.0	2.6	-15.7	243.1	20.7	18.5	9.4	308.8	314.0	1.7	24.4	6.0	64.
7.0	37.4	3618.6	650.0	1.0	-17.1	242.2	21.3	18.9	9.3	310.2	315.1	1.5	24.5	7.1	64.
7.8	40.3	3923.1	625.0	-1.8	-19.4	244.0	22.3	20.1	9.8	310.5	314.7	1.3	24.6	8.0	64.
8.5	43.0	4235.2	600.0	-4.5	-21.6	246.8	22.4	20.2	9.5	311.0	314.7	1.1	24.7	9.1	64.
9.4	45.2	4528.6	575.0	-7.2	-23.9	242.7	23.1	20.5	10.6	311.7	314.8	1.0	24.8	10.3	64.
10.3	45.2	4923.2	550.0	-10.2	-26.5	239.6	24.1	20.8	12.1	312.0	314.6	0.8	24.9	11.5	64.
11.8	51.9	5279.9	525.0	-12.4	-28.3	236.6	25.1	21.4	13.1	313.5	315.8	0.7	25.0	12.8	63.
13.7	55.1	5655.8	500.0	-14.9	-30.4	237.7	26.2	22.2	14.0	314.5	316.9	0.6	25.1	14.6	62.
15.5	58.3	6038.1	475.0	-16.5	-31.5	234.1	27.9	22.6	16.4	317.6	319.5	0.6	26.0	16.6	61.
16.9	61.6	6442.2	450.0	-19.6	-34.0	233.6	29.0	23.3	17.2	318.6	322.2	0.5	26.5	21.9	60.
18.3	65.1	6853.9	425.0	-22.9	-36.8	236.5	29.1	24.8	15.2	319.7	321.0	0.4	26.5	24.4	60.
19.7	68.6	7376.2	400.0	-25.6	-38.8	240.6	34.1	29.7	16.7	321.7	322.8	0.3	27.7	27.0	62.
21.1	72.2	7773.5	375.0	-27.3	-41.3	236.2	31.8	26.4	17.7	322.8	323.7	0.3	27.0	29.9	60.
22.6	76.2	8258.8	350.0	-33.6	-44.5	234.3	30.0	24.4	17.5	323.4	324.1	0.2	32.2	32.4	59.
24.2	80.3	8775.4	325.0	-37.4	-47.7	234.9	38.3	31.4	22.1	325.1	325.7	0.2	32.7	36.1	59.
26.0	84.6	9322.7	300.0	-42.6	-49.9	236.7	42.6	20.4	13.7	325.4	325.9	99.9	99.9	39.1	59.
27.1	89.3	9932.7	275.0	-47.4	-49.9	239.7	42.4	36.3	22.1	326.6	326.6	99.9	99.9	44.5	58.
30.4	94.0	13527.1	250.0	-51.2	-49.9	239.2	45.0	38.7	23.0	330.0	330.0	99.9	99.9	47.6	59.
32.5	98.3	11217.9	225.0	-52.4	-49.9	233.9	31.9	25.8	18.8	336.2	336.2	99.9	99.9	53.8	58.
34.8	104.5	11008.7	200.0	-54.6	-49.9	238.9	47.0	40.2	24.2	346.3	346.3	99.9	99.9	57.6	58.
37.5	110.8	12823.8	175.0	-55.3	-49.9	243.9	31.9	28.6	14.0	358.6	358.6	99.9	99.9	65.8	58.
40.8	117.0	13038.1	150.0	-54.3	-49.9	250.7	31.0	29.3	10.2	376.5	376.5	99.9	99.9	71.1	59.
43.8	124.3	14074.2	125.0	-55.1	-49.9	243.2	32.0	28.6	14.4	410.2	410.2	99.9	99.9	77.4	60.
47.7	132.7	16384.5	100.0	-60.8	-49.9	212.2	15.1	8.1	12.8	430.2	430.2	99.9	99.9	82.5	59.
52.6	141.3	18169.9	75.0	-64.0	-49.9	139.0	6.3	-4.1	4.8	499.9	499.9	99.9	99.9	85.2	59.
59.8	159.8	20564.7	50.0	-68.9	-49.9	81.1	9.6	-8.5	-0.8	508.8	508.8	99.9	99.9	86.9	58.
70.4	166.9	25142.6	25.0	-80.6	-49.9	293.0	4.4	4.3	-1.7	639.3	639.3	99.9	99.9	86.7	58.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TYPE MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365  
 ALBUQUERQUE, N. MEX

 6 MAY 1978  
 2315 GMT

TIME MIN	CNTCT	HEIGHT GEM	PRES MB	TEMP DG C	DEW PT DG C	CIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT Y DG K	E POT Y DG K	MR RTO GM/KG	RM PCT	RANGE NM	AZ DG
00.0	20.9	1615.0	829.7	16.1	-19.7	270.3	9.7	9.7	0.0	305.2	308.3	1.0	7.8	10.3	9.0
00.9	96.9	1090.0	1090.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.8	50.9	975.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.7	90.9	950.0	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.6	90.9	925.0	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.5	90.9	900.0	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.4	90.9	875.0	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.3	90.9	850.0	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07.2	21.3	1645.7	825.0	12.1	-12.3	270.4	11.6	11.6	-0.1	301.6	307.3	1.0	10.8	7.2	11.0
08.1	21.7	1623.1	800.0	9.8	-14.1	268.2	11.7	11.7	0.4	301.8	306.5	1.0	17.6	0.8	9.3
09.0	25.9	2185.3	775.0	7.3	-16.0	266.4	14.5	14.5	0.9	301.8	306.1	1.4	17.1	1.7	8.9
10.9	29.4	2453.7	750.0	4.7	-18.2	265.0	14.5	14.5	0.3	301.9	305.7	1.2	17.3	2.7	9.0
11.8	30.9	2728.5	725.0	2.3	-19.9	267.3	14.8	14.8	0.7	302.1	305.5	1.1	17.8	2.7	8.8
12.7	32.6	3017.3	700.0	-0.7	-19.9	265.6	18.0	18.0	1.4	301.9	305.4	1.1	21.7	0.6	8.8
13.6	34.2	3269.2	675.0	-3.5	-20.2	260.9	17.1	17.1	2.5	302.0	305.1	1.1	28.9	0.6	8.8
14.5	38.6	3596.1	650.0	-6.3	-22.6	256.3	16.6	16.6	4.1	302.0	305.0	1.0	26.0	0.6	8.8
15.4	41.3	3931.1	625.0	-9.0	-23.9	255.0	17.2	17.2	4.4	302.2	306.2	0.9	28.7	7.7	8.8
16.3	44.1	4218.4	600.0	-11.9	-24.5	253.6	17.9	17.9	5.0	302.5	305.2	0.9	33.9	0.8	8.3
17.2	47.0	4535.4	575.0	-14.8	-25.1	249.8	19.5	19.5	7.0	302.7	305.4	0.9	41.1	10.0	9.2
18.1	50.1	4875.0	550.0	-18.1	-26.2	246.1	20.1	20.1	6.8	302.7	305.3	0.6	49.9	11.4	8.9
19.0	53.3	5219.9	525.0	-20.7	-28.7	243.9	20.4	20.4	11.6	303.6	306.7	0.7	48.4	13.7	7.4
20.9	55.9	5575.1	500.0	-23.3	-32.6	251.7	31.0	29.5	6.7	306.7	306.3	0.5	41.6	18.1	7.6
21.8	59.3	5932.9	475.0	-25.3	-36.3	257.4	30.8	33.9	1.0	306.7	307.9	0.4	34.6	17.8	7.6
22.7	62.6	6345.3	450.0	-26.1	-42.2	250.4	41.0	36.6	12.7	310.5	311.2	0.2	20.0	28.4	7.6
23.6	65.9	6759.0	425.0	-27.1	-44.9	250.0	45.5	44.1	11.0	314.2	314.8	0.2	16.5	27.2	7.6
24.5	69.4	7193.9	400.0	-29.2	-48.8	247.4	46.3	42.8	17.8	317.0	317.5	0.1	16.3	32.2	7.6
25.4	73.2	7652.8	375.0	-31.2	-48.3	242.5	49.0	43.5	22.6	320.3	320.7	0.1	16.3	37.8	7.3
26.3	77.2	8138.4	350.0	-34.6	-49.3	242.9	50.8	45.2	23.1	322.0	322.4	0.1	20.6	42.9	7.2
27.2	80.3	8651.7	325.0	-38.0	-53.0	244.5	52.8	47.6	22.8	322.8	323.1	0.1	20.9	47.1	7.1
28.1	85.0	9195.3	300.0	-42.5	99.9	240.1	45.2	39.2	22.9	324.1	999.9	99.9	99.9	51.7	7.8
29.0	89.3	9777.0	275.0	-46.6	99.9	241.4	40.6	35.7	19.4	327.0	99.9	99.9	99.9	58.0	6.6
30.9	94.2	10405.2	250.0	-49.0	99.9	241.5	59.0	51.9	28.2	333.2	999.9	99.9	99.9	65.1	6.8
31.8	99.0	11098.9	225.0	-52.8	99.9	228.6	23.6	17.1	16.2	343.7	999.9	99.9	99.9	71.1	6.8
32.7	104.3	11857.1	200.0	-53.0	99.9	235.6	41.6	34.3	23.5	348.9	999.9	99.9	99.9	78.0	6.8
33.6	110.2	12718.3	175.0	-52.4	99.9	237.6	42.2	19.6	12.5	363.4	999.9	99.9	99.9	82.4	6.8
34.5	116.3	13716.9	150.0	-52.0	99.9	245.5	34.6	31.5	14.4	380.6	999.9	99.9	99.9	91.3	6.8
35.4	123.5	14886.7	125.0	-50.7	99.9	241.6	24.5	21.6	11.7	392.4	999.9	99.9	99.9	96.2	6.8
36.3	131.0	16372.2	100.0	-50.2	99.9	243.2	31.1	27.7	14.0	415.3	999.9	99.9	99.9	102.2	6.8
37.2	139.3	18116.0	75.0	-50.2	99.9	250.0	5.0	4.7	1.7	440.9	999.9	99.9	99.9	108.8	6.4
38.1	147.7	20684.5	50.0	-50.8	99.9	210.0	2.6	1.3	2.2	465.6	999.9	99.9	99.9	110.1	6.4
39.0	156.5	23082.9	25.0	-50.2	99.9	41.0	0.1	-0.0	-4.6	480.7	999.9	99.9	99.9	106.1	6.4

 0 BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 16 DEG  
 0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433  
SALEM, ILL

7 MAY 1975  
20 GMT

116 149 0

TIME MIN	CNTCY	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CENS M/SEC	POT T DEG K	E POT T DEG K	MR RTO GM/KG	RM PCT	RANGE AZ KM	DE
0.0	9.0	175.0	999.0	16.0	14.6	140.0	3.2	-2.1	2.5	292.1	319.5	10.6	86.0	0.1	1.
0.5	9.0	99.0	1700.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1.0	7.1	376.1	975.0	18.9	17.0	175.0	6.1	-3.3	4.3	295.8	320.7	12.5	87.8	0.2	31.0
1.2	6.4	530.3	950.0	20.1	18.0	121.5	6.2	-3.3	7.3	298.0	322.7	6.7	55.5	0.4	31.0
2.0	11.5	760.1	925.0	18.5	9.4	122.9	6.9	-5.8	3.8	296.1	321.2	8.1	58.6	0.7	37.6
2.5	13.8	964.3	905.0	17.1	8.3	133.4	6.6	-6.4	4.5	300.2	320.7	7.5	54.6	1.1	37.6
3.5	16.0	1234.3	875.0	15.0	6.7	147.0	2.3	-1.1	1.6	303.3	319.5	7.1	57.7	1.3	37.6
4.0	14.5	1479.1	850.0	13.3	5.5	354.5	2.0	6.2	-3.0	301.0	319.5	6.7	56.1	1.3	37.6
5.5	20.8	1730.4	825.0	12.2	4.7	334.2	7.1	3.1	-6.4	300.3	320.7	6.5	60.3	1.1	37.6
6.5	23.3	1949.1	800.0	10.9	3.7	322.2	10.9	6.7	-6.6	303.8	321.2	6.3	66.9	0.8	37.6
7.0	25.0	2252.4	775.0	9.1	2.7	319.3	13.9	9.1	-10.6	304.4	321.4	6.0	72.6	0.5	37.6
8.0	28.3	2523.2	750.0	6.5	2.2	315.4	15.3	11.4	-11.6	305.5	321.4	6.0	72.6	1.3	16.7
9.0	31.0	2871.4	725.0	3.6	0.4	307.8	14.4	14.5	-11.3	306.1	319.6	5.5	79.5	2.2	1.5
10.5	32.7	3084.8	700.0	1.2	-0.2	304.3	21.1	17.4	-11.6	305.6	320.3	5.6	92.6	3.5	17.6
12.2	36.3	3377.0	675.0	-0.4	-0.9	300.6	18.9	15.7	-11.6	305.6	321.1	5.3	97.0	5.5	13.0
13.0	39.2	3678.7	650.0	-1.6	-2.1	300.6	17.9	15.4	-9.2	307.8	322.4	5.1	96.7	7.9	13.1
14.0	41.9	3990.9	625.0	-3.0	-3.5	297.0	22.1	21.2	-6.5	308.6	323.4	4.7	96.5	8.4	12.0
16.0	44.9	4313.5	600.0	-5.0	-5.9	285.6	24.6	23.2	-8.3	310.4	323.4	4.7	99.9	10.8	12.0
18.2	47.9	4641.6	575.0	-6.9	-6.9	279.7	20.6	20.3	-2.5	311.9	323.4	4.7	99.9	13.1	12.1
19.0	50.8	4992.1	550.0	-8.4	9.9	272.3	16.8	16.4	-0.7	313.7	323.4	4.7	99.9	14.6	11.0
21.0	54.0	5351.5	525.0	-10.8	-11.8	268.5	14.1	14.1	0.4	315.8	324.9	2.9	92.1	15.7	11.0
22.0	57.0	5725.9	500.0	-12.5	-13.0	271.3	19.1	15.1	-0.3	318.1	326.4	2.7	91.0	17.0	11.0
24.2	60.4	6116.2	475.0	-15.0	-16.4	266.6	14.0	14.6	0.4	319.7	326.4	2.2	96.1	18.2	11.0
25.0	63.9	6523.2	450.0	-17.0	-19.4	262.2	12.4	12.3	0.6	321.1	326.9	1.8	86.9	19.2	11.0
27.0	67.3	6949.6	425.0	-21.0	-22.9	267.3	11.7	11.7	0.6	322.2	326.9	1.4	84.3	20.0	11.0
28.5	70.8	7393.9	400.0	-24.2	-26.3	268.4	12.4	12.4	0.4	323.6	327.4	1.1	82.5	21.1	1.0
30.2	74.0	7851.5	375.0	-27.0	-29.9	256.3	14.2	14.0	2.6	325.1	328.7	0.8	80.4	22.3	17.6
32.2	78.7	8352.9	350.0	-31.6	-34.2	253.5	16.6	14.9	4.7	326.1	329.2	0.6	77.3	23.9	10.6
34.0	82.7	8873.5	325.0	-36.0	-38.0	254.9	16.9	16.3	4.4	327.0	328.4	0.4	73.8	25.5	17.6
36.0	86.9	9424.2	300.0	-40.4	-40.9	248.4	17.2	15.0	6.3	328.4	329.9	0.4	69.9	27.4	17.6
38.4	91.6	10011.5	275.0	-45.2	-45.9	246.2	19.3	15.0	7.4	329.4	329.9	0.4	65.5	29.3	9.0
42.0	96.4	11640.3	250.0	-50.6	-50.6	248.7	17.9	16.7	6.5	330.8	329.9	0.4	60.9	31.8	9.0
43.0	101.3	11317.8	225.0	-56.3	-56.3	248.4	23.2	22.3	6.2	332.3	329.9	0.4	56.9	34.3	9.1
46.0	107.7	12054.9	200.0	-62.0	-62.0	248.3	28.8	27.6	6.3	334.5	329.9	0.4	52.9	36.9	9.1
48.3	113.9	12869.7	175.0	-66.2	-66.2	247.1	35.0	35.0	1.8	340.7	329.9	0.4	48.9	44.6	9.0
52.0	119.3	13812.4	150.0	-72.1	-72.1	99.9	99.9	99.9	99.9	361.0	97.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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OF POOR QUALITY



STATION NO. 456  
TOPEKA, KAN6 MAY 1978  
2315 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR CG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.1	7.0	268.0	970.2	28.9	16.8	180.3	7.7	0.0	7.7	306.4	340.7	12.8	48.6	100	22.0
0.9	99.9	99.9	1500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	8.7	454.7	130.0	27.3	7.5	232.9	12.9	5.0	11.9	305.2	328.2	6.9	28.7	0.4	23.0
1.3	10.8	489.6	925.8	24.0	7.3	208.4	12.3	5.3	11.1	305.7	328.3	7.0	32.6	0.8	25.0
2.0	10.8	428.7	900.0	22.6	6.3	217.1	12.6	4.7	11.2	305.7	324.6	6.7	30.9	1.4	25.0
2.9	15.7	1172.7	875.0	20.2	5.9	204.9	11.7	4.9	10.6	305.7	324.6	6.7	30.9	2.1	25.0
3.8	17.1	1421.8	850.0	17.8	5.0	205.7	11.2	4.8	10.1	305.6	323.5	6.8	48.9	2.7	25.0
4.7	15.8	1274.3	825.0	15.8	1.4	204.6	12.2	5.1	11.1	316.0	320.8	6.2	37.6	3.3	28.0
5.4	20.5	1936.5	800.0	14.0	-5.3	203.6	13.8	5.6	12.7	306.8	316.1	3.3	28.0	3.9	28.0
6.3	28.0	2232.9	775.0	11.7	-3.4	206.8	14.1	6.4	12.6	306.9	318.1	3.8	38.6	4.6	28.0
7.2	24.2	2476.5	750.0	10.5	-9.5	212.4	16.8	6.6	13.9	306.3	318.0	2.8	23.4	5.4	24.0
8.1	24.8	2757.5	725.0	8.5	-12.5	217.9	16.0	9.8	13.7	309.0	315.2	2.0	21.0	6.4	27.0
9.0	31.3	3746.2	700.0	6.2	-12.9	214.1	15.8	8.9	13.1	309.6	315.6	2.0	23.9	7.1	29.0
9.9	38.0	3342.6	675.0	3.3	-15.3	211.6	16.4	8.6	13.0	309.5	314.9	1.7	25.1	8.0	29.0
10.8	36.4	3647.3	650.0	0.9	-14.6	214.6	16.7	9.5	13.7	310.2	316.0	1.9	29.8	9.0	29.0
11.9	29.2	3969.7	625.0	-2.1	-16.5	214.3	17.8	9.9	14.7	310.2	315.8	1.7	38.4	10.0	30.0
12.9	41.9	4283.8	600.0	-4.3	-12.1	216.2	21.2	12.5	17.1	311.4	319.1	2.5	50.7	11.1	30.0
14.0	48.8	4618.2	575.0	-6.7	-14.5	223.3	25.7	17.3	19.0	312.4	319.1	2.2	53.5	12.7	31.0
15.2	47.9	4953.4	550.0	-9.9	-17.6	225.2	26.3	18.6	18.5	312.5	318.0	1.7	53.4	14.6	33.0
16.3	56.6	5321.2	525.0	-11.7	-29.3	227.9	23.2	17.2	15.5	314.4	316.6	0.6	21.6	16.1	34.0
17.6	53.3	5653.5	500.0	-13.6	-36.3	225.7	25.9	18.5	18.1	316.4	317.6	0.3	18.6	17.9	36.0
18.9	58.9	6081.6	475.0	-15.6	-37.8	226.3	23.8	17.2	16.5	318.6	319.7	0.3	12.8	20.0	37.0
20.7	60.1	6456.1	450.0	-17.6	-39.2	225.7	26.0	18.6	18.1	321.1	322.1	0.3	13.0	22.7	38.0
22.4	63.7	6912.9	425.0	-21.4	-42.1	226.1	24.2	17.4	16.8	321.5	322.3	0.2	13.4	25.2	39.0
24.1	67.2	7337.8	400.0	-23.9	-44.7	220.2	16.9	10.9	12.9	323.8	324.5	0.2	13.7	27.3	39.0
25.8	70.8	7835.5	375.0	-27.6	-46.7	219.2	16.3	10.3	12.6	325.1	328.6	0.1	14.0	28.1	39.0
27.7	74.7	8317.7	350.0	-31.5	-49.8	195.2	10.3	2.7	9.9	326.1	326.6	0.1	14.4	30.4	39.0
29.8	79.0	8816.4	325.0	-36.7	-53.6	205.7	12.6	5.4	11.3	326.0	326.3	0.1	14.9	31.8	38.0
32.0	83.0	9386.2	300.0	-40.9	99.9	218.2	10.2	6.3	8.0	327.7	999.9	99.9	99.9	33.4	37.0
34.5	87.5	9974.3	275.0	-44.7	99.9	201.2	7.9	2.8	7.3	330.5	999.9	99.9	99.9	35.8	37.0
36.9	92.4	10604.0	250.0	-50.2	99.9	216.8	6.6	4.2	5.1	331.4	999.9	99.9	99.9	38.6	37.0
39.4	97.5	11203.1	225.0	-56.0	99.9	229.5	9.3	7.1	6.0	332.7	999.9	99.9	99.9	41.1	41.0
42.2	103.7	12124.1	200.0	-60.5	99.9	219.3	18.6	11.8	14.4	337.0	999.9	99.9	99.9	44.6	47.0
45.3	109.3	12455.3	175.0	-59.6	99.9	232.3	22.4	17.7	13.7	351.6	999.9	99.9	99.9	48.6	47.0
49.1	116.0	13823.0	150.0	-60.0	99.9	222.6	17.2	11.7	12.7	366.8	999.9	99.9	99.9	51.1	41.0
53.6	124.0	14937.5	125.0	-60.1	99.9	237.4	23.3	16.7	12.6	386.1	999.9	99.9	99.9	57.7	44.0
58.8	132.7	16356.2	100.0	-57.0	99.9	232.7	16.1	17.3	8.4	417.6	999.9	99.9	99.9	60.6	47.0
64.7	142.3	18155.2	75.0	-60.3	99.9	342.7	9.8	2.9	-9.4	446.5	999.9	99.9	99.9	64.2	49.0
72.8	153.7	21693.2	50.0	-59.4	99.9	341.2	4.4	1.4	-4.2	503.4	999.9	99.9	99.9	67.9	53.0
88.1	164.5	25176.7	25.0	-51.4	99.9	4.7	2.7	-0.2	-2.7	637.0	999.9	99.9	99.9	67.9	53.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

6 MAY 1975  
2318 GMT

[illegible]

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

• 6V TEMPS MEANS TEMPERATURE ON YINZ HAVE BEEN INTERPOLATED

0000 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 11001  
MARSHALL SPACE FLIGHT - ENTER

6 MAY 1975  
2332 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIC DG	SPEED M/SFC	U COMP M/SEC	V CCVE M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/RS	PH PCT	RANGE KM	AZ DG
0.1	6.3	160.0	991.2	21.8	18.2	140.7	2.1	-1.3	1.6	297.5	332.7	13.4	80.0	164	17.0
99.9	99.9	59.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	7.9	324.1	975.0	22.7	18.6	148.6	5.6	-3.1	4.6	299.9	337.0	14.0	77.7	0.2	323.0
1.5	10.3	549.0	950.0	18.6	14.5	150.1	4.7	-3.1	4.6	297.5	336.6	11.0	70.9	0.4	323.0
2.4	12.7	777.9	925.0	17.2	13.4	159.5	4.8	-1.7	4.5	298.3	336.4	10.6	78.3	0.7	327.0
3.4	14.5	1311.8	900.0	16.0	13.0	197.2	7.6	2.3	7.3	299.4	337.5	10.8	82.3	1.0	340.0
4.3	16.6	1251.3	875.0	15.2	8.8	208.9	8.2	4.0	7.2	300.6	332.9	8.2	88.8	1.3	352.0
5.2	19.1	1457.1	850.0	14.8	6.6	212.9	8.7	4.8	7.3	302.6	332.8	7.2	87.8	1.7	3.0
6.2	21.2	1748.8	825.0	12.4	5.1	211.0	10.3	5.3	6.8	302.6	331.2	6.7	80.7	2.2	17.0
7.2	23.7	2006.7	800.0	10.8	3.9	210.1	11.1	6.5	5.0	303.5	331.3	6.4	82.5	2.8	15.0
8.3	26.2	2270.0	775.0	7.8	2.8	220.9	12.2	8.3	9.2	302.9	319.9	6.1	70.7	3.6	23.0
9.6	28.7	2539.9	750.0	5.2	2.5	226.6	12.8	9.3	8.6	303.7	320.3	6.1	82.7	4.8	25.0
10.8	31.2	2815.9	725.0	2.6	1.4	223.7	13.8	9.3	9.8	303.1	319.6	5.9	91.7	5.4	29.0
11.9	33.9	3099.1	700.0	0.5	-0.2	219.0	11.7	7.2	9.2	303.7	319.0	5.4	94.9	6.2	31.0
13.7	36.3	3361.7	675.0	-0.8	-1.7	209.4	9.2	4.5	8.1	305.4	319.8	5.0	94.1	6.9	31.0
14.2	39.1	3692.1	650.0	-2.3	-3.4	200.8	7.2	2.6	6.7	306.9	323.3	4.6	92.3	7.8	30.0
15.4	42.3	4032.5	625.0	-4.7	-5.5	201.5	8.0	2.9	7.4	307.5	319.4	4.1	94.1	8.7	30.0
16.4	44.9	4321.4	600.0	-6.3	-8.2	211.4	8.0	4.2	6.9	309.3	319.8	3.4	85.9	8.5	29.0
17.8	47.8	4658.0	575.0	-7.7	-18.0	246.3	10.2	9.3	4.1	311.1	316.2	1.6	43.4	9.2	31.0
19.1	50.7	5001.0	550.0	-8.7	-22.1	276.4	11.7	11.6	-1.3	313.9	317.7	1.2	32.9	9.7	34.0
20.4	53.9	5367.5	525.0	-10.1	-53.0	293.1	10.6	9.7	-4.1	316.3	316.6	0.1	3.0	10.1	40.0
21.8	57.0	5735.5	500.0	-11.6	-57.3	296.5	12.4	11.2	-8.3	318.9	319.0	0.0	1.0	10.3	48.0
23.2	60.3	6126.3	475.0	-14.4	-69.1	293.2	14.4	13.3	-5.7	320.0	320.2	0.0	1.0	10.8	51.0
24.6	63.9	6535.4	450.0	-17.7	-61.2	289.8	15.3	14.4	-5.1	321.0	321.3	0.0	1.0	11.4	56.0
26.1	67.2	6958.6	425.0	-20.6	-63.0	290.1	14.4	13.6	-5.0	322.8	322.6	0.0	1.0	12.3	61.0
27.7	70.9	7433.5	400.0	-24.5	-65.6	290.8	15.6	14.6	-8.5	323.0	323.1	0.0	1.0	13.3	66.0
29.5	74.8	7870.1	375.0	-28.0	-67.0	295.7	16.5	14.8	-7.1	324.4	324.5	0.0	1.0	14.8	71.0
31.2	79.7	8361.5	350.0	-32.2	-52.3	297.0	14.5	12.9	-6.6	325.3	325.6	0.1	11.3	15.6	78.0
33.1	83.2	8878.7	325.0	-37.4	-42.6	291.4	14.1	13.2	-5.2	325.0	326.0	0.3	57.9	16.9	78.0
35.0	87.4	9427.1	300.0	-41.4	99.9	289.2	18.1	14.3	-8.0	327.0	327.0	99.9	99.9	18.3	81.0
37.0	92.4	10011.0	275.0	-46.7	99.9	285.5	16.0	15.4	-4.3	327.6	327.6	99.9	99.9	19.9	83.0
39.1	97.3	11035.6	250.0	-51.8	99.9	290.4	23.8	22.0	-8.2	329.1	329.9	99.9	99.9	22.5	88.0
41.6	102.5	11310.7	225.0	-57.0	99.9	283.5	27.4	25.9	-9.2	331.1	331.1	99.9	99.9	25.9	90.0
44.2	108.5	12045.8	200.0	-62.8	99.9	291.0	25.1	23.4	-6.0	333.4	333.4	99.9	99.9	29.7	93.0
47.2	115.0	12859.9	175.0	-66.4	99.9	291.1	33.1	30.9	-11.0	336.4	336.4	99.9	99.9	34.6	96.0
50.3	122.0	13767.3	150.0	-66.2	99.9	299.9	43.3	37.5	-21.6	356.1	356.1	99.9	99.9	41.8	98.0
54.1	137.7	14897.7	125.0	-67.0	99.9	293.1	32.8	30.2	-21.6	373.6	373.6	99.9	99.9	49.3	100.0
58.7	150.2	16247.6	100.0	-65.4	99.9	298.3	34.8	22.4	-10.6	401.5	401.5	99.9	99.9	56.3	102.0
64.6	166.7	17999.3	75.0	-68.5	99.9	336.4	5.4	2.2	-4.9	435.6	435.6	99.9	99.9	61.4	108.0
73.7	196.3	20484.2	50.0	-62.7	99.9	350.9	2.4	0.4	-2.3	459.8	459.8	99.9	99.9	62.1	106.0
86.2	166.0	24858.8	25.0	-53.0	99.9	284.3	2.9	2.9	0.3	632.4	632.4	99.9	99.9	60.8	107.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* UV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22002  
PT. SILL, OKLA6 MAY 1975  
2305 GMT

TIME MIN	CHTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT Y DG K	E POT Y DG K	MX RTO GM/RS	RM PCT	RANGE KM	AZ DG
7.7	6.9	362.1	962.0	27.5	1.1	240.0	4.1	3.6	2.1	34.6	317.3	4.3	18.0	0.0	0.0
9.9	9.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	9.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.4	9.9	472.6	950.0	26.4	1.3	247.4	7.1	6.5	2.7	30.4	317.3	4.4	19.6	7.2	55.0
1.5	12.3	706.0	925.0	23.8	-0.7	240.0	7.1	7.0	2.1	30.4	315.5	3.9	19.7	0.7	62.0
2.5	14.4	644.7	900.0	21.4	-1.6	228.7	9.3	6.2	2.5	30.4	315.1	3.8	21.4	1.1	54.0
3.6	14.5	1184.6	875.0	19.1	-3.4	229.1	9.7	7.3	6.4	30.4	314.0	3.4	21.5	1.8	54.0
4.9	14.9	1434.1	850.0	16.6	-4.1	231.1	8.9	6.9	5.6	30.4	313.7	3.3	23.8	2.5	53.0
6.1	21.1	1496.9	825.0	14.2	-5.3	235.1	11.1	9.1	6.4	30.4	313.0	3.1	28.0	3.2	52.0
7.3	23.7	1495.4	800.0	12.1	-7.3	243.5	12.7	11.4	5.7	30.4	312.6	2.8	25.1	4.0	54.0
8.4	25.9	2210.2	775.0	9.7	-9.3	248.8	15.2	14.2	5.5	30.4	311.9	2.4	25.1	4.9	57.0
9.7	28.6	2481.3	750.0	8.2	-9.6	253.3	18.1	16.1	6.1	30.8	313.1	2.5	27.1	6.1	59.0
11.0	31.2	2700.9	725.0	7.5	-9.9	253.4	20.5	16.5	12.2	30.8	315.5	2.5	27.7	7.7	59.0
12.3	34.0	3048.6	700.0	5.4	-11.4	254.1	21.4	14.9	15.4	30.8	315.7	2.3	28.6	9.3	57.0
13.5	36.4	3344.9	675.0	3.6	-13.0	216.7	21.2	12.5	17.2	30.9	315.3	2.1	28.5	10.8	55.0
14.6	38.3	3659.8	650.0	0.9	-14.4	215.2	22.1	12.7	18.1	31.2	315.3	1.6	26.0	12.1	52.0
15.7	42.0	3683.4	625.0	-1.0	-23.5	216.3	27.7	15.2	20.7	31.4	314.4	0.9	16.1	13.6	50.0
16.8	45.1	4283.6	600.0	-1.9	-27.1	219.1	27.7	18.1	22.3	31.3	316.2	0.7	12.4	15.4	49.0
18.0	48.0	4625.1	575.0	-4.2	-27.9	222.0	27.1	18.2	20.1	31.5	317.3	0.7	13.7	17.6	48.0
19.5	51.3	4973.8	550.0	-6.4	-30.3	223.4	26.8	18.4	19.5	31.6	318.5	0.6	12.8	21.0	47.0
21.0	54.3	5335.9	525.0	-9.0	-31.9	221.7	26.2	20.5	16.2	31.6	319.3	0.5	13.6	22.3	47.0
22.5	57.4	5711.3	500.0	-12.1	-34.2	224.4	25.2	20.7	14.3	31.8	319.8	0.4	13.8	24.8	46.0
24.1	61.2	6102.7	475.0	-15.5	-34.8	224.4	25.0	20.3	14.6	31.8	320.2	0.4	17.2	26.9	45.0
25.7	64.6	6516.0	450.0	-19.2	-36.7	225.0	25.5	20.9	14.6	31.9	320.4	0.4	19.3	29.4	44.0
27.5	68.1	6929.6	425.0	-21.5	-39.5	224.8	23.7	19.4	13.7	32.1	320.4	0.3	17.6	31.9	43.0
29.2	71.7	7373.7	400.0	-24.8	-42.2	227.0	24.9	20.9	13.6	32.2	323.5	0.2	17.9	34.5	42.0
30.9	75.8	7840.3	375.0	-27.8	-45.9	229.0	29.6	25.4	15.2	32.8	325.4	0.2	15.6	37.2	41.0
32.6	80.3	8322.5	350.0	-31.3	-49.3	236.7	35.3	30.5	17.8	32.8	326.9	0.1	14.9	40.3	40.0
34.4	84.2	8853.3	325.0	-35.4	-52.8	237.1	39.3	33.0	21.3	32.8	328.2	0.1	14.7	44.6	39.0
36.2	88.6	9455.4	300.0	-39.9	-59.9	238.7	39.2	33.5	20.4	32.9	329.9	99.9	99.9	48.7	38.0
38.2	93.5	9993.6	275.0	-44.6	-69.9	240.5	40.8	35.5	20.1	33.0	330.6	99.9	99.9	53.8	37.0
40.3	98.5	10255.4	250.0	-49.2	-79.9	241.2	49.2	43.1	23.7	33.0	331.0	99.9	99.9	58.7	36.0
42.6	104.0	11309.3	225.0	-53.4	-89.9	239.1	30.3	26.0	19.5	33.6	336.7	99.9	99.9	64.1	35.0
45.1	110.3	12503.5	200.0	-56.3	-99.9	239.4	45.1	38.8	23.0	34.3	343.6	99.9	99.9	69.9	34.0
47.8	116.2	12903.3	175.0	-58.9	-99.9	245.1	33.5	30.3	14.1	34.7	349.9	99.9	99.9	74.3	33.0
50.7	123.0	13803.6	150.0	-60.9	-99.9	245.9	32.5	29.7	13.3	35.2	355.2	99.9	99.9	81.7	32.0
54.2	130.3	15030.4	125.0	-60.1	-99.9	246.8	31.6	29.7	10.9	36.2	366.2	99.9	99.9	89.3	31.0
58.2	136.7	16392.2	100.0	-61.6	-99.9	246.5	34.7	31.6	13.0	40.6	399.9	99.9	99.9	97.2	30.0
63.0	145.7	18150.0	75.0	-63.4	-99.9	243.9	10.0	9.9	1.1	43.8	499.9	99.9	99.9	104.2	29.0
68.5	154.0	20646.4	50.0	-63.0	-99.9	78.9	8.4	-8.2	-1.6	45.1	499.9	99.9	99.9	101.7	28.0
80.6	163.7	25032.1	25.0	-60.4	-99.9	99.9	99.9	99.9	99.9	460.2	499.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

**Sounding Data****7 May 1975****0300 GMT**

STATION NO. 232  
DOTHVILLE, LA7 MAY 1972  
215 GMT

TIME MIN	CNTCT	WPGHT GPH	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U CORP M/SEC	V CORP M/SEC	POT T DEG K	E POT T DEG K	WX RTO GN/KG	RM PCT	RANGE NM	AZ DEG
0.0	5.3	1.0	1010.7	23.9	23.0	140.3	4.2	-2.7	3.2	299.6	349.1	17.9	98.6	190	170
0.1	6.2	98.7	1300.0	23.7	23.4	160.2	11.1	-2.3	10.9	299.3	349.1	18.4	98.7	0.4	376
0.7	8.5	3170.0	975.0	23.1	22.7	160.2	11.1	-2.3	10.9	300.2	349.2	18.2	97.9	0.8	376
1.5	10.7	540.1	950.0	21.3	20.8	172.2	12.6	-1.7	13.5	301.2	344.7	18.6	97.2	1.1	348
2.3	13.0	775.6	925.0	20.2	19.6	173.1	12.6	-1.5	12.6	301.7	346.4	13.0	79.5	1.7	348
3.1	15.3	1018.6	900.0	20.1	19.2	173.8	9.4	-1.0	9.7	303.6	331.2	17.1	61.1	2.2	349
3.9	17.4	1256.1	875.0	20.1	18.2	193.4	9.9	1.4	9.1	303.9	331.2	9.1	53.4	2.8	349
4.7	20.2	1475.9	850.0	19.8	9.7	209.7	6.7	3.3	5.8	307.0	330.0	8.8	52.6	2.8	344
5.5	22.4	1761.7	825.0	19.7	9.6	214.2	6.2	3.7	5.0	307.4	333.7	9.2	53.3	3.0	358
6.4	25.1	2323.1	800.0	17.9	17.8	209.7	5.4	2.8	4.9	307.4	338.9	10.3	51.8	3.2	10
7.2	27.4	2291.1	775.0	13.8	-5.9	215.8	6.4	3.8	5.2	309.1	318.6	3.2	28.2	3.5	30
8.1	30.1	2567.2	750.0	13.1	-8.0	234.2	5.9	4.8	3.5	311.3	322.6	3.8	30.1	3.8	70
9.1	32.8	2851.2	725.0	11.3	-12.2	250.2	5.1	4.9	1.4	312.1	327.6	1.9	18.0	4.3	10
10.1	35.5	3143.1	700.0	9.6	-27.4	268.8	5.2	5.6	0.1	313.1	316.7	0.6	9.4	4.3	10
10.8	38.1	3443.4	675.0	8.0	-27.3	278.7	6.7	6.7	-1.0	314.6	316.7	0.6	9.2	4.1	10
11.6	40.8	3753.3	650.0	5.9	-21.7	278.8	9.2	9.1	-1.4	315.8	319.4	1.1	12.3	4.2	20
12.8	43.7	4722.7	625.0	3.4	-16.4	269.1	12.3	12.3	0.2	316.5	321.9	1.7	22.0	4.4	32
13.6	46.7	4472.9	600.0	1.7	-9.2	267.5	16.6	16.6	0.7	316.5	328.3	3.2	43.0	5.0	40
14.9	49.6	4744.6	575.0	-5.8	-8.8	267.6	19.5	19.5	0.8	319.4	331.1	3.4	54.4	5.8	40
15.9	52.5	5098.1	550.0	-3.4	-12.8	267.8	24.6	20.6	0.8	320.4	328.6	2.6	48.0	6.9	55
17.0	55.7	5463.8	525.0	-0.9	-15.5	272.7	23.3	20.3	-1.0	323.4	327.6	2.4	53.9	8.1	61
18.2	58.9	5842.3	500.0	-9.8	-17.5	275.8	18.7	18.7	-3.9	324.5	326.6	1.9	53.2	9.2	68
19.3	62.3	6277.6	475.0	-10.8	-30.5	282.3	18.6	18.1	-3.9	324.5	326.6	0.3	8.1	10.3	69
21.7	65.7	6651.6	450.0	-13.3	-38.8	287.9	18.8	18.3	-4.2	326.5	327.5	0.3	8.6	11.6	74
22.7	68.2	7083.9	425.0	-16.6	-41.7	282.3	18.2	17.7	-3.9	327.7	328.5	0.2	9.2	12.9	77
23.4	72.7	7536.2	400.0	-20.4	-39.7	279.5	18.6	18.3	-3.1	328.4	329.7	0.3	18.1	14.3	79
24.8	76.5	8017.2	375.0	-24.6	-36.7	279.8	18.2	17.9	-3.1	329.0	330.5	0.4	31.8	15.9	81
26.4	80.3	8507.8	350.0	-28.2	-36.1	280.2	19.6	17.3	-3.5	329.3	331.1	0.4	67.7	17.4	83
27.9	84.5	9073.7	325.0	-32.2	-36.1	278.3	24.3	24.3	-3.5	332.3	334.7	0.8	67.6	19.4	88
29.7	88.7	9593.8	300.0	-37.6	-41.6	276.3	32.2	32.0	-3.5	332.3	334.7	0.3	65.8	22.3	88
31.7	93.4	10188.0	275.0	-42.7	98.9	278.6	35.0	34.6	-5.3	333.4	336.6	0.9	90.9	26.2	88
33.9	98.1	10823.6	250.0	-48.3	98.9	280.3	32.7	32.2	-5.9	334.3	339.3	0.9	90.9	31.2	90
36.7	103.3	11509.3	225.0	-54.1	98.9	279.6	38.2	34.7	-5.4	335.6	342.7	0.9	90.9	36.8	91
39.4	108.5	12258.7	200.0	-59.8	98.9	284.2	36.7	35.6	-9.7	338.0	345.9	0.9	90.9	42.4	93
42.8	114.5	13033.7	175.0	-63.3	98.9	286.2	42.2	40.5	-11.8	345.9	349.9	0.9	90.9	50.8	95
46.1	127.7	14021.9	150.0	-67.3	98.9	281.5	42.6	41.8	-8.5	354.2	359.9	0.9	90.9	58.9	98
50.1	127.7	15125.9	125.0	-67.0	98.9	297.2	40.8	36.3	-10.7	373.7	379.9	0.9	90.9	64.7	98
54.8	135.5	16456.8	100.0	-71.8	98.9	290.8	26.3	24.6	-5.3	369.0	369.9	0.9	90.9	77.1	100
60.8	143.3	19148.4	75.0	-75.0	98.9	317.8	10.5	7.1	-7.7	419.7	419.9	0.9	90.9	86.6	101
68.8	151.3	20980.2	50.0	-63.1	98.9	4.5	5.7	-0.4	-5.6	498.0	498.9	0.9	90.9	94.4	102
80.5	167.3	24987.8	25.0	-50.7	98.9	107.5	3.7	-3.6	0.7	639.8	639.9	0.9	90.9	92.9	103

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235  
JACKSON, MISS

7 MAY 1975  
215 GMT

TIME	MIN	CNTCT	WEIGHT	PRES	TEMP	DEFW	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RM	RANGE	AZ
			GPM	MB	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	CG K	CG K	GM/KG	PCT	KM	DEG
0.3	0.3	5.8	105.0	98.0	23.9	22.2	140.0	2.6	-1.7	5.3	259.5	348.4	17.1	95.0	5.0	5.0
0.6	0.6	8.3	99.9	1070.0	99.9	99.9	99.9	99.9	99.9	99.9	59.5	999.9	99.9	999.9	999.9	999.9
0.6	0.6	8.3	303.0	975.0	23.1	19.4	152.1	9.0	-3.4	8.3	300.4	339.3	14.7	79.4	7.4	32.3
1.4	1.4	10.3	53.4	950.0	21.1	18.6	168.5	11.2	-2.2	10.9	300.5	339.6	14.4	85.5	0.8	33.4
2.2	2.2	12.9	741.4	925.0	19.6	16.7	181.2	12.5	0.3	12.5	301.1	336.0	13.1	83.2	1.3	34.2
3.0	3.0	15.4	595.3	900.0	18.7	16.1	160.8	11.7	3.4	11.2	302.5	337.1	12.9	84.7	1.9	35.0
3.4	3.4	17.9	1235.9	875.0	17.1	15.5	211.6	10.3	5.4	8.8	303.3	337.9	12.6	90.4	2.3	35.7
4.6	4.6	20.5	1407.5	850.0	15.5	14.1	220.9	10.6	7.2	6.3	304.0	336.7	12.0	91.2	2.7	4.0
5.3	5.3	23.1	1769.9	825.0	13.6	12.6	232.1	8.6	6.8	5.3	304.5	335.0	11.2	93.3	3.1	17.0
6.1	6.1	25.9	2070.3	800.0	11.7	10.9	228.4	7.9	5.9	5.3	305.0	333.4	10.4	98.1	3.4	14.0
7.0	7.0	28.6	2265.9	775.0	9.9	9.1	211.6	8.0	6.3	5.0	305.7	331.8	9.4	94.3	3.7	17.0
7.7	7.7	31.4	2538.6	750.0	9.1	3.6	239.4	8.3	7.2	4.2	307.3	326.2	6.7	68.7	4.0	21.0
8.6	8.6	34.3	2819.3	725.0	7.9	-0.7	251.6	8.3	7.8	2.6	308.9	324.1	5.3	57.0	4.4	25.0
9.4	9.4	37.2	3102.9	700.0	7.5	-3.7	264.6	8.8	8.7	0.9	311.4	323.7	4.2	44.7	4.6	29.0
10.4	10.4	40.3	3407.6	675.0	6.5	-15.3	273.4	10.5	10.4	-0.6	313.1	318.5	1.7	19.2	4.9	35.0
11.6	11.6	42.5	3716.1	650.0	5.1	-26.9	275.0	12.6	12.7	-1.1	314.8	316.9	0.6	7.6	5.3	42.0
12.6	12.6	46.0	4034.7	625.0	2.9	-28.3	276.3	13.9	13.8	-1.5	315.8	314.8	0.6	7.9	5.6	49.0
13.5	13.5	49.3	4363.3	600.0	0.0	-30.1	279.3	15.0	14.6	-2.4	316.2	314.0	0.5	8.1	6.5	55.0
14.8	14.8	52.3	4702.3	575.0	-2.6	-31.8	281.2	17.3	17.0	-3.3	317.0	318.6	0.8	8.4	7.4	61.0
15.9	15.9	55.6	5052.7	550.0	-5.6	-33.8	281.2	19.5	19.1	-3.8	317.5	318.8	0.4	8.7	8.3	67.0
17.0	17.0	58.9	5415.8	525.0	-7.9	-35.3	280.8	19.2	18.8	-3.6	319.0	320.2	0.4	8.9	9.5	71.0
18.3	18.3	62.4	5792.9	500.0	-10.9	-37.3	279.4	20.0	19.7	-3.2	319.7	321.8	0.3	9.2	10.8	75.0
19.7	19.7	65.9	6184.1	475.0	-11.9	-39.8	268.3	20.9	20.9	0.6	323.2	324.2	0.2	7.6	12.3	78.0
21.0	21.0	69.7	6592.6	450.0	-14.0	-38.4	256.6	18.1	17.6	4.2	325.7	325.8	0.3	10.8	14.7	78.0
22.3	22.3	73.3	7029.5	425.0	-17.6	-39.5	261.0	18.3	18.1	2.9	326.4	327.4	0.3	12.6	15.3	78.0
23.7	23.7	77.3	7487.7	400.0	-21.1	-41.7	272.4	20.3	20.3	-0.8	326.4	328.4	0.2	13.7	16.9	79.0
25.1	25.1	81.3	7953.3	375.0	-25.1	-43.9	281.3	21.3	20.8	-4.2	328.3	329.0	0.2	15.4	18.6	80.0
26.5	26.5	85.6	8434.4	350.0	-30.0	-47.1	292.9	21.1	19.3	-4.5	328.3	328.9	0.2	16.9	20.1	83.0
28.2	28.2	90.3	8971.9	325.0	-34.9	-45.8	296.1	27.1	24.3	-11.9	328.5	329.2	0.2	31.5	22.1	86.0
30.0	30.0	94.9	9525.7	300.0	-38.4	-43.6	286.7	29.2	28.0	-8.4	331.1	332.1	0.3	57.9	25.1	89.0
31.8	31.8	99.0	10119.5	275.0	-42.4	59.4	270.0	31.0	31.0	0.7	333.8	999.9	99.9	999.9	28.0	90.0
33.7	33.7	104.8	10755.8	250.0	-48.4	99.9	269.8	35.4	35.4	0.1	334.2	999.9	99.9	999.9	32.0	90.0
35.0	35.0	110.4	11441.6	225.0	-53.1	99.9	280.5	32.7	32.2	-3.9	337.1	999.9	99.9	999.9	36.9	91.0
36.3	36.3	116.0	12188.8	200.0	-56.7	99.9	283.3	30.6	29.2	-6.9	338.2	999.9	99.9	999.9	41.2	92.0
41.4	41.4	122.5	13014.3	175.0	-64.4	99.9	275.4	39.0	38.8	-3.6	343.7	999.9	99.9	999.9	47.5	93.0
44.8	44.8	129.3	13951.4	150.0	-67.0	99.9	277.8	40.0	39.7	-3.5	354.0	999.9	99.9	999.9	53.7	93.0
49.1	49.1	136.5	15093.0	125.0	-67.6	99.9	289.3	46.3	43.7	-15.3	372.6	999.9	99.9	999.9	64.2	95.0
54.1	54.1	143.5	16394.6	100.0	-66.9	99.9	289.3	27.9	26.4	-8.2	398.6	999.9	99.9	999.9	74.9	97.0
60.4	60.4	151.0	18120.0	75.0	-68.2	99.9	294.1	22.1	20.2	-9.0	429.9	999.9	99.9	999.9	81.5	98.0
70.2	70.2	180.7	20638.8	50.0	-63.8	99.9	75.9	6.7	-6.5	-1.6	493.3	999.9	99.9	999.9	80.3	100.0
92.0	92.0	58.5	58.9	25.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 248  
SHREVEPORT, LA

7 MAY 1975  
240 GMT

TIME MIN	CHCT	HEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V CCNP M/SFC	POT T DG K	E POT Y DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
06	50.1	78.0	997.3	24.4	22.8	140.2	2.6	-1.7	2.0	300.2	347.1	17.9	91.0	0.2	0.
09	59.5	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07	6.6	278.5	975.0	24.5	22.5	181.9	10.3	0.3	10.3	302.2	349.7	17.9	86.7	0.3	351.
17	6.7	507.1	950.0	23.6	21.8	194.7	9.1	2.3	6.8	302.7	350.8	17.9	88.9	0.9	2.
26	10.6	740.9	925.0	22.2	20.4	201.1	6.2	3.0	7.7	304.4	350.7	17.0	91.8	1.4	6.
36	12.6	976.7	900.0	20.9	19.4	201.9	7.1	2.6	6.6	305.2	348.4	16.0	91.8	1.8	12.
49	14.7	1223.7	875.0	18.7	17.5	207.5	7.7	3.6	6.9	305.2	348.4	14.6	92.6	2.2	14.
53	16.6	1473.0	850.0	17.0	15.8	215.3	7.1	4.1	5.8	305.8	342.4	13.6	92.6	2.6	17.
63	18.5	1727.6	825.0	15.3	14.1	210.4	5.3	2.7	4.5	306.4	340.3	12.4	92.8	2.9	19.
72	20.8	1990.0	800.0	13.7	9.3	197.6	7.2	2.2	6.9	308.0	334.0	9.3	70.3	3.2	19.
83	23.1	2257.9	775.0	15.9	-13.3	192.4	9.6	1.6	6.4	311.1	316.7	1.8	12.5	3.6	19.
93	25.4	2535.1	750.0	14.0	-20.1	189.8	8.9	1.5	6.7	311.9	315.2	1.0	7.8	4.3	17.
106	27.5	2819.2	725.0	11.9	-19.7	197.6	9.2	2.8	8.8	312.6	316.2	1.1	9.2	5.7	16.
119	30.7	3111.0	700.0	9.4	-12.7	219.9	8.5	5.0	6.9	313.2	319.6	2.1	19.8	5.7	17.
132	32.5	3411.0	675.0	6.8	-15.6	221.6	10.1	6.7	7.6	313.8	319.8	1.7	18.3	6.3	20.
145	35.3	3719.4	650.0	4.7	-17.3	221.2	10.8	7.1	6.1	314.4	319.2	1.5	18.5	7.1	22.
159	37.4	4037.6	625.0	2.3	-16.3	225.5	13.7	9.8	9.6	315.3	320.9	1.6	24.4	8.0	23.
173	40.1	4365.9	600.0	-0.4	-13.1	230.2	19.4	14.9	12.4	315.9	321.2	2.3	37.4	9.3	28.
186	42.6	4705.0	575.0	-2.9	-10.6	237.6	26.8	19.3	12.2	317.0	326.2	3.0	56.2	10.7	32.
200	45.4	5055.9	550.0	-5.2	-12.7	242.6	26.3	23.4	12.1	318.2	326.4	2.6	55.5	12.7	37.
214	48.4	5420.0	525.0	-7.1	-22.1	244.9	25.8	23.4	11.0	320.0	324.1	1.2	29.2	14.8	41.
228	51.1	5759.2	500.0	-10.0	-35.2	252.4	25.7	21.6	6.9	320.9	322.2	0.4	10.5	16.8	44.
241	54.3	6192.0	475.0	-11.7	-37.3	266.7	19.8	10.8	1.2	323.4	323.6	0.0	1.0	18.2	47.
255	57.3	6603.9	450.0	-14.7	-59.2	266.7	20.4	20.4	0.5	324.7	324.9	0.0	1.0	19.7	51.
269	60.6	7033.8	425.0	-18.1	-61.4	265.1	24.0	23.9	2.0	325.8	325.8	0.0	1.0	21.8	55.
282	64.1	7483.6	400.0	-21.7	-63.8	267.7	23.7	23.7	1.0	326.7	326.7	0.0	1.0	24.0	58.
31.5	67.6	7954.9	375.0	-26.0	-65.9	271.6	21.5	21.5	-0.9	327.2	327.2	0.0	1.0	26.2	61.
35.3	71.1	8457.3	350.0	-30.0	-51.9	271.6	20.9	20.9	-0.9	328.3	328.6	0.1	10.0	28.9	64.
38.3	75.4	8973.6	325.0	-33.7	-45.2	264.9	36.6	36.5	3.3	330.2	330.9	0.2	26.8	32.3	67.
37.4	79.3	9531.4	300.0	-37.0	-48.3	258.7	40.9	40.1	6.0	332.2	333.8	0.2	29.4	37.5	69.
43.3	83.6	10126.9	275.0	-42.0	-99.9	255.0	34.8	33.6	9.2	334.4	334.4	0.0	99.9	43.5	70.
42.9	86.2	10764.3	250.0	-47.4	-99.9	255.1	37.8	36.7	9.1	335.6	335.6	0.0	99.9	49.1	71.
43.4	93.3	11451.5	225.0	-53.4	-99.9	264.5	32.0	31.8	3.1	336.8	336.8	0.0	99.9	54.2	72.
48.4	96.8	12022.0	200.0	-58.4	-99.9	273.1	29.0	29.0	-1.5	340.3	340.3	0.0	99.9	60.8	73.
51.6	104.3	13029.8	175.0	-63.6	-99.9	269.7	41.4	41.4	6.2	344.9	344.9	0.0	99.9	67.5	74.
55.4	114.7	13971.4	150.0	-65.0	-99.9	264.0	43.0	42.8	4.5	348.1	348.1	0.0	99.9	73.4	75.
60.2	116.7	15042.1	125.0	-66.0	-99.9	272.3	47.5	47.5	-1.9	375.5	375.5	0.0	99.9	85.1	76.
65.3	127.5	16430.0	100.0	-68.3	-99.9	266.1	31.1	31.1	2.1	395.8	395.8	0.0	99.9	97.3	80.
71.9	137.7	18169.0	75.0	-69.3	-99.9	88.8	11.3	-11.3	-0.2	429.7	429.7	0.0	99.9	101.7	81.
81.6	146.0	20342.2	50.0	-63.1	-99.9	91.4	14.6	-14.6	0.4	498.9	498.9	0.0	99.9	100.1	82.
97.4	161.8	25053.1	25.0	-50.0	-99.9	81.6	4.5	-4.4	-0.7	611.2	611.2	0.0	99.9	96.9	82.

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

PRECEDING PAGE BLANK NOT REPRODUCED

STATION NO. 250  
BROWNSVILLE, TEX

7 MAY 1975  
300 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEP PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX HTO CM/KG	RM PCT	RANGE KM	AZ DG
0.1	4.7	7.0	1002.2	26.7	24.2	135.0	5.2	-3.7	3.7	302.3	353.3	19.3	86.0	0.0	0
3.1	4.9	28.5	1000.0	26.6	24.8	135.3	10.7	-7.0	8.1	302.5	353.8	20.2	90.0	0.1	336
0.7	4.6	250.8	975.0	24.7	23.5	135.4	13.6	-9.0	10.2	302.6	353.1	19.1	93.0	0.5	316
1.6	8.7	490.3	950.0	25.5	21.9	110.0	7.2	-6.7	2.4	303.5	353.0	17.7	80.3	2.9	313
2.4	10.6	715.9	925.0	25.4	19.7	61.9	8.9	-6.1	-3.2	303.5	350.4	15.8	70.6	1.2	322
3.2	12.6	550.7	900.0	25.9	14.5	7.4	7.1	-8.4	-5.6	310.8	343.7	11.8	47.3	1.3	285
4.1	14.8	1217.0	875.0	25.9	11.8	26.9	5.4	-2.4	-4.8	312.1	340.5	10.0	41.5	1.6	273
5.0	16.7	1401.6	850.0	24.0	10.1	14.8	5.2	-1.3	-5.0	312.6	338.8	9.2	41.4	1.6	268
5.9	18.9	1721.9	825.0	21.9	8.3	6.3	4.9	-0.5	-4.8	312.9	337.0	8.4	41.7	1.7	258
6.7	20.3	1988.4	800.0	20.8	1.4	347.4	2.6	0.6	-2.6	314.0	329.7	5.3	27.7	1.7	249
7.6	23.2	2262.0	775.0	19.0	-0.5	279.0	1.6	1.6	-0.3	314.5	329.1	4.8	26.7	1.7	247
8.6	25.4	2542.5	750.0	17.1	-1.2	242.6	5.1	4.6	2.4	315.8	329.8	4.7	28.7	1.8	245
9.7	27.6	2831.4	725.0	16.9	-2.0	227.9	10.1	7.5	6.8	316.6	328.5	4.6	27.4	1.1	250
10.6	30.1	3129.2	700.0	14.9	-3.5	222.3	15.9	10.7	11.8	316.6	328.5	4.2	27.7	0.6	290
11.7	32.6	3435.9	675.0	12.7	-5.0	217.0	16.4	10.0	12.9	320.4	328.5	3.9	28.0	1.2	18
12.8	35.1	3750.7	650.0	9.6	-5.1	216.2	15.5	9.1	12.5	324.4	328.4	4.0	34.8	1.1	25
13.9	37.4	4078.6	625.0	6.5	-8.3	214.5	15.9	9.0	13.1	325.3	330.5	3.3	33.7	3.1	28
15.0	40.1	4407.5	600.0	3.3	-9.2	215.7	16.3	9.5	13.2	325.3	335.2	3.2	39.3	4.2	33
16.2	42.7	4751.1	575.0	0.3	-11.0	217.7	17.0	10.4	12.4	325.7	329.8	2.9	42.1	5.3	32
17.2	45.4	5104.5	550.0	-3.1	-13.8	221.4	17.2	11.4	12.9	325.7	328.3	2.4	43.2	6.3	32
18.2	48.4	5471.8	525.0	-6.2	-16.0	230.1	18.0	13.8	11.6	321.2	327.8	2.1	45.5	7.4	34
19.5	51.1	5851.8	500.0	-8.4	-23.3	242.4	18.0	15.9	8.3	324.9	328.8	1.2	28.9	8.8	38
20.8	54.1	6249.5	475.0	-10.6	-29.2	249.3	15.5	14.5	5.5	324.9	327.4	0.7	20.2	10.0	42
22.2	57.1	6661.8	450.0	-14.4	-36.1	240.3	14.9	13.8	5.6	325.1	327.5	0.7	24.9	11.7	45
23.4	60.4	7092.4	425.0	-17.7	-30.3	238.8	16.7	14.3	8.7	328.3	328.8	0.7	32.2	12.1	46
24.9	63.9	7543.5	400.0	-20.4	-34.9	235.3	19.5	16.8	10.0	328.5	333.2	0.5	26.2	13.6	48
26.5	67.3	8117.5	375.0	-24.7	-38.5	234.8	21.6	18.4	11.2	328.9	330.2	0.4	26.1	15.7	49
28.3	70.8	8515.4	350.0	-28.8	-41.1	237.9	23.8	20.1	12.6	328.8	330.9	0.3	29.3	18.1	50
31.3	74.5	9342.0	325.0	-32.5	-42.6	236.8	24.3	21.0	12.2	331.8	332.8	0.3	34.8	20.9	52
33.0	78.6	9621.0	300.0	-36.8	-44.7	243.2	27.4	24.4	12.4	331.4	334.3	0.2	44.1	23.5	53
33.9	82.6	11190.7	275.0	-42.1	99.9	253.2	29.2	28.0	8.4	334.2	999.9	99.9	99.9	28.6	54
36.0	87.3	10833.9	250.0	-47.4	99.9	251.3	31.7	25.9	10.3	335.5	999.9	99.9	99.9	30.5	57
38.4	92.3	11520.8	225.0	-52.9	99.9	256.8	38.1	37.1	8.7	337.4	999.9	99.9	99.9	34.9	59
41.5	97.0	12276.6	200.0	-55.9	99.9	258.2	44.1	42.6	10.5	344.2	999.9	99.9	99.9	42.8	62
44.7	102.8	13114.9	175.0	-62.0	99.9	258.1	45.5	44.0	11.7	347.6	999.9	99.9	99.9	51.1	64
48.4	109.3	14063.4	150.0	-63.3	99.9	251.8	42.0	30.9	13.1	361.0	999.9	99.9	99.9	61.4	66
52.4	116.3	15172.4	125.0	-66.6	96.7	263.4	25.3	25.2	2.9	374.4	593.9	99.9	99.9	68.8	67
54.5	124.7	16510.1	100.0	-71.5	99.7	181.3	6.0	0.1	6.0	389.7	999.9	99.9	99.9	72.4	67
61.9	134.5	15167.7	75.0	-70.7	99.9	77.9	1.2	-1.1	-0.2	412.2	999.9	99.9	99.9	72.6	67
73.9	145.3	20594.5	50.0	-83.6	99.9	298.2	1.8	1.6	-0.8	493.6	999.9	99.9	99.9	71.4	66
85.6	157.3	24983.8	25.0	-50.7	99.9	10.6	3.5	1.3	2.2	639.0	999.9	99.9	99.9	88.7	67

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

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\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 255  
VICTORIA, TEX

7 MAY 1975

215 GMT

133 72.0

TIME MIN	CNTCY	WEIGHT GPH	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT Y DG K	E POT Y DG K	MX RTO GN/KG	RM PCT	RANGE KM	AZ DG
0.0	4.8	33.7	1001.3	25.2	23.8	126.7	2.6	-2.3	1.3	303.2	350.4	18.5	92.0	0.0	1.0
0.1	4.9	45.5	1000.2	25.2	24.2	126.2	4.5	-3.9	2.5	301.7	352.0	19.4	94.0	0.1	33.0
0.8	6.5	268.1	975.0	24.0	23.5	126.6	8.9	-5.4	4.3	301.7	352.1	19.0	96.9	0.3	33.0
1.5	8.5	498.2	950.0	22.7	22.2	132.7	5.9	-4.3	4.0	302.7	353.5	18.0	96.7	0.6	30.0
2.3	10.5	729.3	925.0	21.4	20.8	116.5	5.2	-4.6	2.3	303.5	348.8	17.0	96.1	0.8	30.0
3.1	12.5	567.3	900.0	19.9	18.5	115.6	3.6	-3.3	1.6	304.1	344.7	15.1	91.8	1.3	35.0
3.8	14.6	1217.8	875.0	18.9	16.6	116.0	2.4	-2.4	1.2	305.2	342.5	13.8	86.7	1.2	30.0
4.7	16.5	1465.2	850.0	17.6	15.6	123.9	2.7	-2.3	1.5	306.4	342.6	13.3	87.9	1.3	37.0
5.6	18.7	1715.7	825.0	15.7	14.7	152.2	2.4	-1.1	2.7	306.9	342.3	12.9	94.0	1.4	37.0
6.6	20.8	1976.7	800.0	17.4	6.6	253.8	4.6	4.4	1.7	310.2	333.3	7.9	50.7	1.4	31.0
7.5	23.3	2245.7	775.0	16.9	-1.7	241.1	6.3	5.5	3.0	312.6	325.6	4.4	28.0	1.2	32.0
8.4	25.3	2528.4	750.0	14.7	5.0	221.6	8.7	5.8	6.5	313.5	334.8	7.4	52.4	1.3	33.0
9.4	27.5	2814.2	725.0	12.2	3.9	218.6	11.5	6.8	9.2	313.8	334.5	7.1	57.6	1.7	35.0
10.4	29.9	3172.3	700.0	10.3	-13.0	219.0	13.3	8.4	10.4	314.1	320.4	2.0	18.0	2.3	3.0
11.4	32.4	3478.6	675.0	5.0	-34.7	221.3	16.4	10.9	12.3	315.7	316.7	0.3	2.8	3.1	17.0
12.3	34.9	3719.4	650.0	7.1	-35.3	224.7	17.9	12.6	12.7	317.0	318.1	0.3	3.0	4.0	22.0
13.3	37.3	4040.1	625.0	4.7	-36.1	226.9	18.4	14.1	11.9	317.8	318.8	0.3	3.2	5.1	28.0
14.4	40.3	4375.9	600.0	2.8	-36.8	229.4	18.1	13.8	11.8	319.3	320.3	0.3	3.4	6.2	33.0
15.4	42.4	4713.4	575.0	-0.0	-38.0	234.4	16.5	13.4	9.6	320.0	320.6	0.2	3.7	7.2	35.0
16.5	45.3	5077.1	550.0	-2.5	-39.1	247.0	17.0	15.7	6.7	321.1	321.9	0.2	4.0	8.2	38.0
17.7	48.2	5436.4	525.0	-5.0	-40.3	248.9	16.5	16.7	7.9	322.4	323.2	0.2	4.2	9.3	42.0
18.8	51.2	5815.6	500.0	-8.0	-41.6	248.2	18.2	16.4	7.9	323.3	324.4	0.2	4.9	10.4	45.0
20.0	54.3	6211.2	475.0	-11.4	-43.6	248.8	20.4	18.7	8.0	323.8	324.4	0.2	4.9	11.8	47.0
21.4	57.3	6623.0	450.0	-14.7	-45.4	249.0	19.7	18.4	7.1	324.7	325.3	0.1	5.1	13.4	50.0
22.8	60.3	7053.2	425.0	-17.8	-47.2	249.4	25.8	21.2	8.4	326.0	326.5	0.1	5.6	15.1	52.0
24.2	63.7	7504.1	400.0	-20.6	-48.9	251.5	26.4	25.0	8.4	328.2	328.8	0.2	5.2	16.8	54.0
25.8	67.1	7977.8	375.0	-24.7	-46.5	251.4	26.3	25.0	8.4	328.8	329.4	0.2	11.1	19.4	56.0
27.4	70.5	8475.2	350.0	-28.5	-45.0	252.5	27.9	24.6	8.4	329.0	329.7	0.2	20.4	22.0	58.0
29.2	74.5	8995.0	325.0	-34.1	-37.8	252.4	33.9	32.3	10.2	329.7	331.3	0.4	67.6	28.7	61.0
31.0	78.7	9556.3	300.0	-37.6	-31.3	248.9	35.3	32.0	15.0	332.3	333.6	0.3	67.6	33.1	61.0
32.9	82.8	10142.6	275.0	-42.9	99.9	246.0	36.6	37.4	14.9	334.3	334.3	0.9	99.9	37.6	62.0
35.1	87.2	10785.1	250.0	-48.3	99.9	246.6	37.7	31.0	13.4	336.3	336.3	0.9	99.9	43.3	63.0
37.5	92.3	11465.3	225.0	-54.3	99.9	250.1	41.4	38.9	14.1	335.3	335.3	0.9	99.9	53.6	65.0
40.6	97.3	12218.8	200.0	-57.6	99.9	255.3	42.9	41.5	10.9	331.5	331.5	0.9	99.9	68.3	68.0
44.3	103.3	13057.3	175.0	-59.6	99.9	257.0	46.0	45.0	9.9	331.5	331.5	0.9	99.9	85.4	71.0
47.9	109.5	14221.6	150.0	-62.2	99.9	252.1	39.9	37.0	12.0	323.0	323.0	0.9	99.9	99.9	99.0
52.6	116.3	15135.7	125.0	-65.8	99.9	277.4	26.8	28.6	-3.7	375.8	375.8	0.9	99.9	99.9	99.0
57.5	125.0	16473.5	100.0	-71.9	99.9	270.0	18.1	18.1	0.0	388.9	388.9	0.9	99.9	99.9	99.0
63.7	135.2	18155.4	75.0	-75.1	99.9	99.9	99.9	99.9	99.9	415.5	415.5	0.9	99.9	99.9	99.0
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.0
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 26C  
STEPHENVILLE, TEX7 MAY 1975  
215 GMT

161 15. 0

TIME MIN	CNTCT	WEIGHT GEM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CORR M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.5	9.4	399.0	960.0	21.0	8.9	200.0	2.1	0.7	2.0	298.6	319.0	7.5	46.0	0.0	0.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	10.2	490.7	950.0	23.2	11.4	999.9	99.9	99.9	99.9	334.0	329.1	9.1	42.6	99.9	99.9
1.0	12.5	724.2	928.0	23.6	5.4	999.9	99.9	99.9	99.9	304.3	321.4	6.1	30.8	99.9	99.9
1.9	14.9	962.2	900.0	21.3	3.9	107.4	1.3	-1.3	0.4	304.2	320.1	5.6	31.9	0.1	231.0
2.6	17.3	1235.2	875.0	19.2	3.2	126.3	2.5	-1.9	1.5	304.5	320.2	5.5	34.6	5.2	255.0
3.5	19.5	1453.4	850.0	16.9	3.1	144.2	3.0	-1.8	2.0	304.6	320.7	5.7	39.9	0.3	286.0
4.4	21.8	1777.1	825.0	15.6	-5.7	121.0	2.6	-2.5	1.0	305.7	314.7	3.0	22.4	0.4	295.0
5.3	24.3	1967.3	800.0	14.2	-8.2	191.1	3.5	0.7	3.0	305.7	317.1	3.5	27.8	0.6	331.0
6.3	26.7	2234.6	775.0	12.4	0.6	234.9	7.3	6.0	4.0	307.8	322.7	5.2	44.2	0.6	314.0
7.2	29.3	2508.8	750.0	11.0	-8.3	234.7	10.2	8.7	5.3	309.0	320.0	3.7	34.1	0.8	11.0
8.0	32.1	2792.7	725.0	9.2	-8.8	235.9	12.8	10.6	7.2	309.9	318.1	2.7	27.1	1.3	31.0
8.8	34.9	3087.5	700.0	8.1	-17.0	234.2	16.1	13.1	9.4	311.6	316.1	1.4	15.0	1.9	39.0
9.8	37.4	3379.6	675.0	6.4	-16.0	230.6	18.1	15.0	11.5	313.0	313.2	1.6	18.4	2.9	44.0
10.7	40.3	3682.0	650.0	4.5	-20.9	226.9	17.4	13.1	11.5	313.2	317.8	1.1	13.7	3.9	45.0
11.9	43.7	4055.1	625.0	1.7	-23.0	234.9	17.8	14.6	10.3	314.4	317.6	1.0	14.0	5.1	46.0
12.9	46.1	4332.1	600.0	-0.9	-24.9	237.6	19.4	16.4	10.4	315.1	317.9	0.8	14.2	6.3	46.0
13.9	49.1	4670.9	575.0	-2.5	-26.0	232.3	20.3	16.1	12.4	317.2	319.8	0.8	14.3	7.5	50.0
15.0	52.1	5021.6	550.0	-5.5	-28.3	232.9	22.2	17.7	13.4	317.6	319.8	0.7	14.6	8.9	50.0
16.2	55.3	5384.5	525.0	-8.5	-30.6	234.4	22.7	18.9	12.6	318.2	320.1	0.6	14.8	10.4	51.0
17.3	58.6	5763.0	500.0	-12.4	-33.5	236.6	22.6	18.8	12.9	318.0	319.5	0.4	15.2	12.0	51.0
18.6	62.3	6149.8	475.0	-15.1	-35.6	233.1	25.4	20.3	15.2	319.3	320.6	0.4	15.4	13.7	52.0
19.5	65.4	6556.6	450.0	-17.8	-37.7	230.1	27.5	21.1	17.7	320.8	323.0	0.3	15.6	15.7	52.0
21.1	69.0	6981.9	425.0	-20.3	-39.6	230.1	28.2	21.6	18.1	323.0	324.0	0.3	15.8	17.9	51.0
22.7	72.7	7428.0	400.0	-23.7	-42.2	236.3	29.8	24.4	18.2	324.2	325.0	0.2	16.1	20.5	52.0
24.1	76.7	7895.9	375.0	-27.4	-45.1	246.5	34.4	31.5	13.7	325.3	325.9	0.2	16.5	23.1	53.0
25.6	80.6	8390.1	350.0	-30.2	-47.4	248.5	42.2	39.2	15.5	327.9	328.5	0.1	16.7	26.6	55.0
27.4	85.3	8912.0	325.0	-34.8	-51.0	246.8	40.9	37.6	18.1	328.6	329.1	0.1	19.4	32.7	57.0
29.0	89.2	9466.2	300.0	-38.8	-55.3	241.6	44.9	39.5	21.4	332.5	330.9	0.1	19.7	34.9	58.0
30.8	94.0	10057.7	275.0	-42.9	-59.9	238.1	44.6	37.9	23.5	333.1	330.9	99.9	99.9	39.9	58.0
33.1	98.8	10693.1	250.0	-47.8	-64.0	236.0	47.9	41.0	24.8	335.0	335.0	99.9	99.9	46.8	58.0
35.9	104.1	11341.5	225.0	-52.6	-68.9	242.7	51.0	45.3	23.4	337.6	337.6	99.9	99.9	54.5	58.0
38.6	109.8	12133.0	200.0	-57.2	-73.0	243.4	48.3	43.2	21.6	342.2	342.2	99.9	99.9	63.2	59.0
42.1	115.8	12975.1	175.0	-57.0	-77.0	246.3	38.6	35.6	15.6	355.9	355.9	99.9	99.9	72.6	60.0
45.4	122.7	13947.3	150.0	-59.5	-81.0	246.9	51.6	47.5	20.2	367.7	367.7	99.9	99.9	78.6	61.0
49.7	130.3	15027.6	125.0	-61.6	-84.0	258.3	41.4	40.6	8.4	383.5	383.5	99.9	99.9	91.7	62.0
54.5	138.7	16450.4	100.0	-65.8	-88.0	252.1	31.6	30.0	9.7	407.6	407.6	99.9	99.9	100.6	63.0
60.2	146.3	18176.7	75.0	-69.8	-92.0	161.0	30.6	-1.0	2.8	426.7	426.7	99.9	99.9	106.8	64.0
68.1	155.5	20645.1	50.0	-81.4	-99.9	68.2	16.6	-15.4	-6.2	498.9	498.9	99.9	99.9	105.6	63.0
80.6	168.3	25045.4	25.0	-92.4	-99.9	34.6	8.2	-4.6	-6.7	634.2	634.2	99.9	99.9	103.2	63.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261  
DEL. RIO. TX

7 MAY 1975  
215 GMT

TIME MIN	CATCT	WEIGHT GPM	PRES MB	TEMP DG C	DEF PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO G/KG	RM PCY	RANGE M	AZ DG
0.0	8.5	214.0	568.3	27.2	2.3	100.0	5.2	-5.1	0.9	303.2	317.1	4.7	20.0	2.2	0.
99.9	59.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	59.9	59.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.6	10.1	483.5	950.0	29.5	9.4	99.9	10.0	-9.9	1.4	308.2	337.3	7.9	28.8	0.4	266.
2.5	10.1	720.2	925.0	27.7	7.1	85.1	8.6	-8.6	-0.1	308.6	328.2	6.6	27.2	0.9	270.
3.4	10.1	561.9	900.0	25.5	5.3	85.7	6.9	-6.9	-0.5	308.7	326.5	6.2	27.2	1.3	269.
4.4	10.1	1207.3	875.0	23.2	3.3	75.7	6.2	-6.2	-1.5	308.6	326.7	5.6	27.3	1.7	268.
5.4	10.1	1459.9	850.0	21.2	1.7	65.1	5.7	-5.7	-3.0	308.1	323.5	5.1	27.4	2.1	264.
6.3	10.1	1717.0	825.0	18.6	-0.5	61.5	4.6	-4.6	-2.2	308.9	322.0	4.5	27.5	2.2	261.
7.3	10.1	1575.9	800.0	16.6	-0.9	64.2	4.1	-3.7	-1.8	309.4	322.6	4.5	30.4	2.5	259.
8.3	10.1	2248.9	775.0	14.2	-2.0	126.5	1.5	-1.1	0.9	309.6	321.3	4.7	30.4	2.7	259.
9.3	10.1	2524.4	750.0	12.2	-4.6	216.7	3.8	2.1	3.1	310.3	321.1	3.6	30.4	2.6	262.
10.4	10.1	2807.6	725.0	10.7	-5.7	238.7	7.6	6.5	4.7	311.6	322.0	3.5	31.1	2.4	266.
11.6	10.1	3098.9	700.0	8.8	-6.4	245.6	11.6	12.6	4.8	312.7	322.9	3.4	33.3	1.7	275.
12.5	10.1	3388.4	675.0	5.9	-8.9	244.0	13.8	12.4	0.3	312.6	321.4	2.9	33.6	1.1	290.
13.5	10.1	3705.9	650.0	3.4	-10.1	251.3	16.7	15.9	5.4	313.2	321.5	2.7	36.3	1.0	9.
14.5	10.1	4022.5	625.0	0.4	-11.8	251.3	16.4	15.5	5.3	313.2	321.5	2.5	39.4	1.8	44.
15.3	10.1	4348.3	600.0	-2.5	-13.9	246.0	18.4	16.8	7.5	313.5	320.2	2.2	40.9	3.1	54.
16.5	10.1	4656.2	575.0	-3.0	-21.6	247.6	21.1	19.5	8.1	316.6	321.4	1.2	22.1	4.5	58.
17.6	10.1	5036.8	550.0	-4.6	-24.7	248.3	23.6	21.3	10.2	316.6	321.4	0.9	18.8	5.9	60.
18.8	10.1	5421.5	525.0	-7.2	-31.4	240.3	26.2	22.6	13.0	319.8	321.6	0.5	12.3	7.8	60.
20.1	10.1	5779.5	500.0	-10.0	-3.5	239.6	27.2	23.5	13.8	320.8	321.6	0.4	12.6	9.9	60.
21.6	10.1	6172.9	475.0	-12.7	-75.4	240.1	28.8	24.9	14.4	322.3	323.7	0.4	12.8	12.4	60.
23.0	10.1	6584.0	450.0	-14.7	-16.9	249.5	29.8	27.9	16.4	323.7	326.0	0.4	13.0	14.9	61.
24.5	10.1	7015.0	425.0	-17.1	-30.5	250.7	31.4	29.6	17.3	327.0	328.4	0.4	16.6	19.7	63.
26.2	10.1	7466.3	400.0	-21.2	-34.0	249.6	33.4	31.3	11.6	327.5	329.8	0.4	20.0	21.4	64.
28.9	10.1	7935.0	375.0	-25.0	-39.6	249.5	38.1	35.7	13.3	328.4	329.6	0.3	24.0	25.0	65.
31.6	10.1	8436.8	350.0	-28.9	-40.1	249.5	39.1	36.9	15.6	329.7	330.9	0.3	32.7	28.8	65.
33.3	10.1	8921.9	325.0	-32.7	-41.3	240.9	42.3	37.0	20.6	331.6	332.7	0.3	-1.4	33.1	65.
35.2	10.1	9416.1	300.0	-37.4	-45.9	233.7	42.2	34.0	24.9	332.6	333.4	0.2	40.3	37.4	64.
37.0	10.1	10116.1	275.0	-42.7	99.9	231.6	40.9	32.0	25.4	333.3	333.3	99.9	99.9	41.9	63.
39.3	10.1	10731.5	250.0	-48.3	99.9	235.6	41.5	34.2	23.5	334.3	334.3	99.9	99.9	46.2	62.
41.3	10.1	11297.2	225.0	-52.4	99.9	242.7	41.6	37.0	19.1	338.2	338.2	99.9	99.9	51.7	62.
43.1	10.1	11897.2	200.0	-57.7	99.9	242.1	50.0	43.4	24.9	341.4	341.4	99.9	99.9	59.1	62.
45.1	10.1	12521.1	175.0	-58.6	99.9	242.9	40.4	35.9	18.4	343.1	343.1	99.9	99.9	67.2	62.
47.4	10.1	13197.3	150.0	-59.3	99.9	238.2	40.6	37.4	22.3	346.5	346.5	99.9	99.9	75.5	62.
49.3	10.1	13877.3	125.0	-60.0	99.9	238.2	40.6	39.9	9.5	349.8	349.8	99.9	99.9	84.9	62.
51.3	10.1	14526.1	100.0	-60.8	99.9	231.8	19.3	15.2	11.9	349.8	349.8	99.9	99.9	91.5	62.
53.1	10.1	15186.4	75.0	-73.0	99.9	207.8	9.3	2.4	4.7	419.8	419.8	99.9	99.9	98.7	62.
55.0	10.1	15866.5	50.0	-61.0	99.9	31.1	4.7	-2.4	-4.0	498.8	498.8	99.9	99.9	98.6	61.
56.8	10.1	16546.5	25.0	-49.7	99.9	20.3	4.1	-1.4	-3.8	642.1	642.1	99.9	99.9	98.1	62.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX

7 MAY 1975  
245 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	12.3	873.0	908.6	18.3	14.0	0.0	2.1	-1.3	1.6	300.2	312.8	4.5	31.0	13.0	0
0.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	12.7	955.2	955.0	21.5	6.6	172.1	3.9	-0.5	3.9	304.7	324.3	7.0	38.1	0.1	34.1
1.2	14.9	1199.8	875.0	21.6	7.7	198.9	4.2	1.4	4.3	307.3	328.5	7.6	40.6	7.3	34.8
2.0	14.8	1450.4	850.0	19.7	6.2	233.0	5.8	4.6	3.5	307.8	327.7	7.0	41.2	3.5	12.4
2.9	14.1	1768.4	825.0	17.4	4.1	259.3	6.6	4.5	3.5	307.8	325.7	6.3	41.2	7.8	33.4
3.8	21.1	1668.2	800.0	14.9	1.9	267.2	7.6	7.6	0.4	307.8	323.6	5.3	41.2	1.0	4.9
4.6	23.4	2235.9	775.0	12.6	0.1	273.0	8.3	8.3	-0.4	308.0	322.4	5.0	42.1	1.4	6.0
5.4	25.6	2539.9	750.0	10.1	-2.2	266.7	9.6	9.6	0.6	308.1	320.8	4.4	42.3	1.8	6.0
6.7	27.9	2790.4	725.0	7.6	-4.0	252.5	12.2	11.6	3.7	308.2	319.9	3.9	43.6	2.5	7.2
7.7	31.4	3078.7	700.0	5.8	-5.2	236.4	16.1	13.7	8.4	309.4	320.5	3.7	45.3	3.3	7.0
8.6	32.9	3375.5	675.0	4.1	-6.2	229.6	19.7	15.0	12.8	310.7	321.4	3.6	47.0	4.4	6.6
9.8	35.5	3681.4	650.0	1.7	-7.5	230.8	21.7	16.8	13.7	311.3	321.4	3.4	50.4	5.8	6.1
11.0	38.3	3952.8	625.0	-1.3	-10.1	237.0	23.8	20.0	13.7	311.3	319.9	2.8	50.9	7.3	6.0
12.1	40.6	4320.1	600.0	-3.8	-12.7	244.2	25.7	23.1	11.2	312.3	319.4	2.4	49.7	9.1	6.0
13.4	43.3	4654.6	575.0	-6.4	-16.8	249.9	27.1	25.5	9.3	312.7	318.3	1.8	43.1	13.1	6.1
14.7	46.2	5007.3	550.0	-9.4	-21.7	253.0	27.3	26.2	7.7	313.0	316.9	1.2	36.0	13.1	6.3
15.7	48.1	5388.6	525.0	-11.3	-24.0	253.0	25.0	23.9	7.3	314.9	318.3	1.0	33.9	14.8	6.6
17.0	52.0	5721.0	500.0	-14.3	-26.1	253.3	24.0	23.0	6.9	315.7	318.7	0.9	38.9	16.6	6.5
18.5	55.1	6118.0	475.0	-16.9	-28.0	248.4	25.8	24.0	9.5	317.1	319.9	0.8	37.1	18.8	6.6
19.6	58.1	6522.3	450.0	-19.1	-30.1	248.2	28.1	26.1	10.4	319.2	321.6	0.7	37.1	21.1	6.6
21.3	61.6	6955.7	425.0	-22.2	-32.9	246.2	27.2	24.9	11.0	320.0	322.5	0.6	37.3	23.4	6.6
22.4	65.3	7388.0	400.0	-25.8	-36.4	243.1	28.3	25.2	12.8	321.5	323.0	0.4	38.9	26.3	6.6
24.4	68.4	7852.0	375.0	-29.8	-40.3	242.4	30.5	27.0	14.1	322.1	323.2	0.3	38.0	29.7	6.6
26.1	72.0	8340.0	350.0	-33.2	-43.3	244.3	32.2	29.0	14.0	324.0	324.8	0.2	34.9	32.0	6.6
28.0	76.6	8837.4	325.0	-36.6	-46.4	248.3	35.9	33.4	13.3	326.1	326.8	0.2	38.3	38.8	6.6
30.4	80.3	9437.2	300.0	-40.9	-49.9	247.8	42.4	39.3	16.0	327.2	327.9	0.9	38.9	42.6	6.6
32.1	84.5	9952.5	275.0	-45.8	-53.9	245.3	48.9	41.7	19.2	328.9	328.9	0.9	38.9	46.2	6.6
34.7	89.3	10627.1	250.0	-50.3	-57.9	242.6	44.0	39.1	20.2	331.1	329.9	0.9	38.9	53.1	6.6
37.9	94.2	11322.3	225.0	-53.7	-61.3	242.7	53.2	47.0	24.9	336.3	329.9	0.9	38.9	62.4	6.6
40.9	99.5	12034.4	200.0	-56.6	-64.2	236.1	48.5	40.3	27.1	343.2	329.9	0.9	38.9	71.3	6.6
44.2	105.3	12803.5	175.0	-56.1	-64.1	243.1	45.3	40.4	20.5	357.3	329.9	0.9	38.9	81.8	6.6
47.4	111.7	13801.8	150.0	-56.4	-64.1	239.1	45.4	38.9	23.3	373.0	329.9	0.9	38.9	91.2	6.6
52.1	119.3	15029.9	125.0	-60.3	-68.3	243.2	37.2	33.2	16.7	385.5	329.9	0.9	38.9	102.4	6.6
57.3	127.3	16423.0	100.0	-64.1	-72.1	239.8	29.1	25.2	14.6	400.1	329.9	0.9	38.9	111.7	6.6
62.9	136.7	18140.2	75.0	-68.4	-75.9	198.8	6.6	2.1	6.3	429.2	329.9	0.9	38.9	118.8	6.6
72.8	146.3	23631.5	50.0	-55.7	-65.0	65.8	3.0	-2.7	-1.2	502.9	329.9	0.9	38.9	117.0	6.6
88.6	187.0	25048.7	25.0	-50.8	-61.3	58.3	10.7	-9.1	-5.6	638.7	329.9	0.9	38.9	113.2	6.6

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED  
00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 270  
EL PASO, TEX

7 MAY 1975  
300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP F C	DEW PT F C	JIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	16.3	1193.0	875.6	16.8	-16.2	340.0	3.1	1.1	-2.9	351.3	325.1	1.2	9.0	0.0	0.
99.9	55.3	99.9	1030.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	55.3	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	55.3	99.9	950.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	55.3	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	55.3	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	16.3	1172.9	875.0	16.8	-15.7	344.4	3.3	0.9	-3.2	341.4	325.4	1.3	5.5	1.1	352.
0.7	18.1	1443.3	850.0	16.1	-7.0	99.9	99.9	99.9	99.9	303.3	311.2	2.7	19.2	99.9	99.9
1.7	20.4	1497.5	825.0	13.2	-9.2	99.9	99.9	99.9	99.9	302.9	310.7	2.3	20.0	99.9	99.9
2.5	22.3	1544.9	800.0	11.5	-13.6	99.9	99.9	99.9	99.9	303.7	310.2	2.1	20.1	99.9	99.9
3.4	24.3	2219.0	775.0	7.5	-12.0	325.4	7.0	3.5	-6.0	304.5	310.4	2.0	20.2	99.9	99.9
4.3	27.1	2486.9	750.0	5.0	-14.4	99.9	99.9	99.9	99.9	305.0	310.4	1.9	20.5	99.9	99.9
5.2	29.3	2767.7	725.0	5.0	-14.4	99.9	99.9	99.9	99.9	305.2	310.5	1.7	22.9	99.9	99.9
6.1	32.1	3352.7	700.0	2.8	-14.8	99.9	99.9	99.9	99.9	305.8	311.1	1.7	25.8	99.9	99.9
7.0	34.3	3353.6	675.0	0.2	-15.8	99.9	99.9	99.9	99.9	306.0	311.1	1.6	28.8	99.9	99.9
8.1	36.9	3666.4	650.0	-2.5	-17.3	234.9	20.6	15.8	11.9	306.3	312.7	1.4	29.6	5.2	79.
9.1	39.5	3956.5	625.0	-4.7	-17.1	232.3	22.6	17.9	13.8	307.3	312.2	1.6	37.2	6.3	74.
10.2	41.9	4276.5	600.0	-6.5	-26.8	237.4	22.4	18.9	12.1	308.7	311.0	0.7	18.4	8.7	70.
11.5	44.7	4678.0	575.0	-8.3	-29.0	246.7	21.4	19.5	8.4	310.3	312.3	0.6	17.0	9.6	58.
12.7	47.4	4931.7	550.0	-10.5	-30.6	252.7	22.9	21.8	6.8	311.7	313.3	0.5	17.1	11.2	69.
14.0	50.3	5377.8	525.0	-13.5	-33.2	258.0	24.4	23.5	6.7	312.2	313.7	0.4	17.1	13.0	69.
15.2	53.1	5675.7	500.0	-16.4	-36.0	253.0	25.1	25.0	7.3	313.0	314.2	0.3	16.5	14.9	70.
16.4	55.8	6040.8	475.0	-19.0	-38.0	258.4	26.8	25.8	7.2	314.4	315.5	0.3	16.7	16.6	70.
17.6	58.9	6400.9	450.0	-21.7	-37.6	253.1	29.0	27.9	7.9	315.9	317.1	0.1	22.0	16.7	71.
18.9	62.1	6875.7	425.0	-24.5	-36.3	253.2	29.8	28.5	8.6	317.6	318.8	0.1	24.2	21.0	71.
20.2	65.3	7318.5	400.0	-28.2	-40.9	254.1	31.5	30.3	8.6	318.3	319.2	0.3	28.2	23.3	71.
21.9	68.7	7777.6	375.0	-32.1	-44.3	247.3	33.9	31.3	13.1	319.1	319.8	0.2	28.3	26.9	71.
23.7	72.1	8260.9	350.0	-35.8	-47.6	246.3	35.5	32.5	14.3	320.3	320.9	0.1	28.4	30.4	71.
25.4	75.8	8771.6	325.0	-39.8	-49.9	243.7	36.5	32.5	16.5	321.8	321.8	99.9	99.9	34.2	71.
27.3	79.7	9314.3	300.0	-44.3	99.9	243.7	41.4	37.1	18.3	322.9	322.9	99.9	99.9	38.4	69.
29.4	83.7	9893.4	275.0	-47.8	99.9	244.1	51.3	48.0	23.7	326.0	326.0	99.9	99.9	44.5	69.
31.4	87.3	10516.5	250.0	-51.8	99.9	240.4	53.18	4.2	26.3	326.1	326.1	99.9	99.9	51.0	68.
33.7	92.4	11194.6	225.0	-55.3	99.9	236.6	52.98	4.0	28.1	333.7	333.7	99.9	99.9	58.0	47.
36.4	97.2	11942.8	200.0	-58.2	99.9	230.4	53.28	46.0	26.7	343.8	343.8	99.9	99.9	66.2	68.
39.4	102.4	12788.2	175.0	-56.8	99.9	238.0	47.98	40.7	25.4	350.2	350.2	99.9	99.9	75.5	65.
42.8	108.3	13764.6	150.0	-56.1	99.9	241.8	41.48	36.5	19.4	372.4	372.4	99.9	99.9	84.8	64.
47.4	114.7	14918.5	125.0	-56.7	99.9	238.7	39.68	33.9	20.6	392.4	392.4	99.9	99.9	94.4	64.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 517  
NASHVILLE, TENN7 MAY 1975  
215 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	180.0	991.6	17.8	17.3	120.0	1.5	-1.3	0.7	293.3	320.1	12.7	97.0	161	13.0
00.9	99.9	99.0	1070.0	97.9	99.9	99.9	99.9	99.9	99.9	499.9	999.9	99.9	99.9	999.9	99.9
05.5	7.7	325.0	975.0	19.3	18.1	99.9	99.9	99.9	99.9	296.5	332.5	13.8	99.9	999.9	99.9
1.4	5.7	950.0	950.0	18.0	17.3	99.9	99.9	99.9	99.9	297.8	332.6	13.3	92.5	999.9	99.9
2.1	11.5	775.0	925.0	18.7	15.5	218.7	7.8	4.6	6.4	300.0	332.3	12.1	82.1	0.8	6.0
3.0	13.6	1115.3	900.0	18.4	11.8	220.0	6.6	4.8	4.0	301.8	328.1	9.7	65.4	0.9	20.0
3.8	15.6	1256.5	875.0	16.5	9.9	225.9	7.1	5.0	5.0	302.1	326.0	8.7	64.6	1.2	28.0
4.6	17.8	1522.6	850.0	14.4	6.1	225.7	7.6	5.7	5.3	302.3	324.3	8.0	64.0	1.6	32.0
5.4	20.1	1754.4	825.0	12.6	6.8	235.2	8.9	7.3	5.1	302.9	323.6	7.6	77.8	2.0	38.0
6.2	22.1	2012.1	800.0	10.7	5.8	235.8	10.3	8.4	5.9	303.5	323.7	7.3	71.5	2.4	40.0
7.2	24.5	2276.3	775.0	8.4	4.8	225.0	10.3	7.9	6.7	303.8	323.4	7.0	78.1	3.0	42.0
8.2	26.6	2546.7	750.0	6.0	4.7	221.0	9.9	6.5	7.5	304.0	324.3	7.2	91.5	3.6	43.0
9.2	29.1	2824.1	725.0	4.3	3.4	212.0	9.2	4.8	7.8	305.0	324.1	6.8	94.3	4.2	43.0
10.3	31.7	3119.5	700.0	2.4	1.4	209.4	8.0	3.9	6.9	306.0	323.2	6.1	92.7	4.7	40.0
11.3	34.2	3413.8	675.0	2.3	-3.1	215.6	8.3	4.8	6.8	308.7	321.9	4.5	67.5	5.2	39.0
12.4	36.7	3729.4	650.0	0.6	-2.5	212.1	8.2	6.5	5.0	310.3	324.6	4.9	75.7	5.8	4.0
13.4	39.4	4052.7	625.0	-1.5	-4.1	252.4	8.0	7.6	3.4	311.3	324.6	4.5	82.3	6.2	41.0
14.5	42.0	4366.5	600.0	-4.2	-8.7	200.3	8.3	8.3	0.5	311.7	322.2	4.5	75.0	6.6	4.0
15.8	45.3	4687.5	575.0	-7.2	-9.3	271.4	10.2	10.2	-0.2	311.9	321.8	3.3	84.7	7.1	40.0
16.9	48.3	5026.7	550.0	-8.4	-14.9	210.9	11.7	11.7	0.0	314.4	321.1	2.2	59.1	7.7	52.0
18.1	51.9	5386.3	525.0	-10.7	-21.9	271.7	12.7	12.7	-0.4	315.7	319.8	1.3	38.9	8.4	58.0
19.5	54.1	5753.4	500.0	-12.4	-30.5	270.4	13.0	12.9	-1.4	317.9	320.0	0.6	20.4	9.3	60.0
20.9	57.3	6150.3	475.0	-14.9	-34.2	277.6	15.9	14.8	-2.1	319.6	321.2	0.5	12.8	10.3	60.0
22.3	60.9	6557.1	450.0	-18.1	-43.9	281.4	17.9	17.5	-3.5	320.5	321.1	0.2	8.2	11.5	60.0
23.8	64.4	6982.5	425.0	-20.5	-53.4	282.3	17.6	17.2	-3.7	322.6	323.3	0.2	17.8	12.9	72.0
25.4	68.0	7427.9	400.0	-23.9	-59.4	276.4	18.1	18.1	-1.6	324.0	326.8	0.8	67.1	14.1	75.0
27.1	71.8	7895.4	375.0	-27.8	-63.2	275.2	15.6	15.5	-1.4	324.8	325.6	0.2	21.1	15.6	77.0
28.9	76.0	8397.5	350.0	-31.2	-69.9	275.5	18.9	18.8	-3.1	326.6	327.8	0.3	41.6	17.3	79.0
31.7	80.3	8918.8	325.0	-34.9	-58.4	278.5	18.6	18.4	-2.8	328.4	328.7	0.1	10.3	19.3	81.0
32.9	84.8	9461.9	300.0	-39.2	-50.3	276.7	16.5	16.4	-1.9	330.1	330.6	0.1	29.3	21.7	83.0
35.2	89.8	10051.4	275.0	-44.7	-59.9	277.9	17.1	17.0	-2.7	330.5	999.9	99.9	999.9	23.7	84.0
37.5	94.8	10691.9	250.0	-49.8	99.9	277.9	17.6	17.6	-2.5	332.0	999.9	99.9	999.9	26.1	85.0
40.0	100.2	11362.2	225.0	-55.9	99.9	274.0	18.6	18.6	-1.6	332.9	999.9	99.9	999.9	28.8	85.0
42.9	106.3	12101.4	200.0	-61.3	99.9	273.0	25.9	25.7	-2.5	335.7	999.9	99.9	999.9	32.4	87.0
46.1	112.3	12921.6	175.0	-65.7	99.9	269.8	36.8	35.4	-10.0	341.0	999.9	99.9	999.9	38.5	89.0
49.4	115.3	13801.4	150.0	-65.6	99.9	308.2	35.2	27.7	-21.8	357.1	999.9	99.9	999.9	45.2	94.0
53.9	127.3	14972.0	125.0	-62.7	99.9	297.5	25.6	22.7	-11.8	381.4	999.9	99.9	999.9	53.0	98.0
59.2	135.3	16345.5	100.0	-61.3	99.9	308.6	18.8	15.5	-12.3	409.2	999.9	99.9	999.9	59.9	100.0
65.5	143.3	18119.3	75.0	-62.6	99.9	311.8	6.4	4.7	-2.2	441.0	999.9	99.9	999.9	64.4	120.0
70.1	152.3	20033.3	50.0	-60.5	99.9	327.3	2.9	1.6	-2.4	501.0	999.9	99.9	999.9	66.1	124.0
90.4	161.3	25666.8	25.0	-50.9	99.9	330.6	3.4	1.5	-3.1	638.6	999.9	99.9	999.9	69.1	129.0

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 ° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 ° BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 280  
STEPHENVILLE, TX

6 MAY 1975  
1415 GMT

TIME MIN	CTCT	WEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.7	9.6	399.0	959.0	23.0	17.7	200.0	3.6	1.2	3.4	301.5	337.4	13.4	72.0	7.0	3.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	10.4	441.4	950.0	21.9	17.6	221.9	8.0	5.3	5.7	301.2	337.2	13.5	78.7	3.2	23.
1.1	12.6	712.9	925.0	20.5	15.9	237.4	10.4	7.8	7.8	302.0	338.4	13.5	75.2	0.5	37.
2.0	14.3	950.2	900.0	20.6	15.4	251.4	16.9	15.7	5.3	302.4	338.0	12.4	72.3	1.1	32.
2.9	17.1	1164.3	875.0	20.8	12.2	260.9	18.8	18.6	3.3	306.8	335.4	10.3	57.9	2.2	65.
3.9	19.5	1445.1	850.0	19.8	10.5	285.2	19.4	18.8	5.0	308.2	334.6	9.4	56.8	3.3	70.
4.8	21.8	1701.7	825.0	17.7	8.9	246.7	19.0	17.4	7.5	308.5	333.1	8.7	56.2	4.3	70.
5.8	24.3	1964.4	800.0	16.1	5.9	237.9	18.1	15.3	9.4	309.3	331.1	7.3	50.9	5.4	69.
6.7	26.7	2233.8	775.0	14.4	3.3	230.4	15.5	11.9	9.9	310.1	327.9	6.2	48.4	6.3	67.
7.6	29.3	2509.9	750.0	12.0	3.9	223.2	14.8	11.9	11.9	310.8	325.8	5.1	47.8	7.3	64.
8.7	32.3	2792.7	725.0	9.3	2.4	223.7	16.8	11.6	12.2	313.5	324.7	6.3	61.9	8.2	62.
9.9	34.7	3083.0	700.0	6.7	1.4	220.0	16.0	10.3	13.2	316.8	323.3	6.1	68.8	9.3	59.
10.9	37.2	3375.5	675.0	4.0	-1.5	209.9	13.8	6.9	13.7	310.6	325.8	5.1	67.8	10.1	57.
11.9	40.1	3687.5	650.0	3.8	-10.1	200.5	13.7	4.8	13.8	313.6	322.0	2.7	38.4	10.9	58.
13.1	42.5	4074.0	625.0	1.6	-13.9	231.8	14.4	5.3	13.4	314.6	321.1	2.1	30.4	11.6	52.
14.3	45.3	4331.9	600.0	-1.5	-14.8	253.3	14.6	5.8	13.6	314.6	321.7	2.0	31.5	12.6	50.
15.6	48.8	4669.0	575.0	-4.8	-15.8	275.3	14.5	6.2	13.1	314.6	323.7	1.9	41.6	13.6	48.
17.1	51.8	5016.7	550.0	-7.6	-21.2	212.6	16.5	8.8	13.7	315.2	319.4	1.3	33.2	14.9	46.
18.7	54.9	5379.5	525.0	-7.0	-30.1	214.1	15.9	8.9	13.2	320.0	322.0	0.6	13.8	16.6	45.
20.1	58.0	5757.6	500.0	-10.2	-32.5	214.7	14.8	8.4	13.1	320.6	322.4	0.5	14.0	17.7	44.
21.5	61.4	6157.1	475.0	-13.8	-35.2	212.7	17.3	9.2	13.6	320.9	322.3	0.4	14.4	18.1	43.
22.9	64.3	6557.8	450.0	-17.7	-38.2	211.3	17.0	6.0	13.6	320.9	322.0	0.3	14.7	20.3	42.
24.3	68.3	6923.6	425.0	-20.3	-41.1	232.3	20.4	16.1	13.5	323.0	325.3	0.7	27.1	22.1	44.
25.7	71.3	7420.3	400.0	-23.1	-42.5	250.1	25.7	26.2	8.0	325.0	325.8	0.2	13.4	23.9	44.
27.3	75.6	7899.7	375.0	-26.8	-46.4	259.5	28.1	27.2	7.7	326.1	326.7	0.2	13.5	26.2	47.
28.8	79.8	8392.7	350.0	-30.5	-47.1	253.1	34.6	33.1	10.1	327.6	328.2	0.2	17.7	28.8	49.
30.5	83.8	8915.3	325.0	-34.6	-50.4	252.7	39.6	37.8	11.8	328.9	329.3	0.1	18.1	32.2	53.
32.5	88.2	9469.3	300.0	-38.3	-50.9	251.6	42.7	39.6	13.9	329.9	329.9	0.9	99.9	36.8	55.
35.3	93.0	10067.4	275.0	-43.3	-50.9	249.8	41.3	37.8	14.3	332.6	329.9	99.9	99.9	44.3	57.
38.2	97.8	10694.0	250.0	-48.6	-50.9	249.1	43.2	38.9	16.9	333.8	329.9	99.9	99.9	57.0	59.
41.0	103.7	11279.4	225.0	-52.4	-50.9	250.2	45.9	43.2	15.5	338.2	329.9	99.9	99.9	57.7	59.
43.8	108.7	12134.6	200.0	-56.7	-50.9	253.1	50.3	48.1	16.7	343.0	329.9	99.9	99.9	65.4	61.
46.8	114.7	12773.0	175.0	-59.9	-50.9	252.0	53.9	52.2	10.5	351.1	329.9	99.9	99.9	73.2	62.
50.3	121.3	13912.8	150.0	-63.3	-50.9	251.1	59.1	57.6	16.7	362.8	329.9	99.9	99.9	81.4	63.
54.4	128.7	15053.2	125.0	-61.0	-50.9	267.8	61.8	61.0	1.6	384.5	329.9	99.9	99.9	92.3	65.
59.2	136.7	16437.2	100.0	-65.7	-50.9	267.0	73.7	73.7	1.2	406.6	329.9	99.9	99.9	98.5	67.
64.8	145.0	18189.5	75.0	-67.1	-50.9	247.6	148.8	23.7	5.6	432.2	329.9	99.9	99.9	104.2	68.
72.7	154.0	20699.7	50.0	-59.8	-50.9	105.1	6.7	-6.4	1.7	502.5	329.9	99.9	99.9	103.7	68.
85.6	164.0	25131.0	25.0	-51.5	-50.9	265.3	0.1	0.1	0.0	636.7	329.9	99.9	99.9	102.2	69.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353  
OKLAHOMA CITY, OKLA

7 MAY 1975  
300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PGY T DEG K	E PUT T DEG K	MX RTO GM/MG	RM PCT	RANGE NM	A2 UG
0.0	9.5	392.0	965.4	16.7	8.4	180.0	2.6	0.0	2.6	264.2	313.5	7.2	58.0	3.0	7.0
09.9	99.9	99.9	1500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	16.4	496.5	950.0	23.0	3.2	158.9	9.3	2.7	8.9	301.2	315.5	5.1	27.3	0.3	10.0
1.3	12.4	716.6	925.0	22.7	3.1	156.0	10.7	4.7	9.6	303.3	318.0	5.2	27.6	0.7	16.0
2.1	14.7	656.1	907.0	21.2	1.0	216.7	11.8	7.0	9.5	305.0	317.1	4.6	26.2	1.3	23.0
3.1	16.9	1198.6	875.0	18.7	-1.0	222.7	10.9	7.4	8.0	303.9	318.5	4.1	26.3	1.9	29.0
4.1	18.3	1464.0	850.0	16.4	-2.4	228.2	11.3	9.3	6.3	303.9	314.8	3.8	27.3	2.6	36.0
5.0	21.5	1699.8	825.0	14.1	-3.7	232.2	10.6	9.4	4.9	304.0	314.3	3.5	28.9	3.1	39.0
6.0	24.0	1937.0	800.0	11.6	-5.6	233.4	8.8	6.4	2.5	303.9	313.1	3.1	29.4	3.7	43.0
7.0	26.4	2221.4	775.0	9.3	-6.9	233.7	11.4	10.2	2.0	304.2	312.9	2.9	31.1	4.2	47.0
8.0	28.1	2491.7	750.0	6.7	-8.3	235.4	14.7	13.3	6.1	304.2	312.2	2.7	33.4	4.9	49.0
9.0	31.7	2769.2	725.0	4.8	-10.7	237.9	18.2	16.2	8.4	305.0	312.0	2.3	31.4	5.9	52.0
10.0	34.3	3054.5	700.0	3.2	-13.1	239.9	20.1	19.7	11.3	306.3	312.4	2.0	28.9	7.7	53.0
11.1	37.3	3348.3	675.0	2.6	-16.2	239.9	20.7	16.1	13.1	308.7	313.7	1.6	23.4	9.4	53.0
12.3	39.8	3633.9	650.0	2.3	-18.5	231.1	20.8	16.2	12.0	311.8	316.1	1.4	19.6	9.9	53.0
13.4	42.4	3909.9	625.0	0.5	-20.1	233.3	20.3	16.3	12.1	313.1	317.1	1.2	19.5	11.2	53.0
14.5	45.4	4235.6	600.0	-2.4	-22.2	231.9	19.1	15.0	11.8	313.4	316.9	1.1	20.0	12.6	53.0
15.7	48.5	4631.6	575.0	-5.0	-24.0	230.6	19.0	14.7	12.0	314.2	317.3	0.9	20.8	14.0	53.0
16.8	51.4	4979.0	550.0	-7.9	-26.3	231.4	20.8	16.3	13.0	314.8	317.5	0.8	20.9	15.3	52.0
18.0	54.6	5339.6	525.0	-10.8	-28.8	231.6	21.0	16.5	17.1	315.4	317.7	0.7	21.1	16.7	52.0
19.2	57.6	5711.4	500.0	-14.0	-30.5	226.9	23.3	17.0	16.9	316.7	318.0	0.6	23.0	18.4	52.0
20.6	61.0	6099.1	475.0	-17.2	-33.2	227.3	25.0	16.2	14.9	317.7	318.3	0.5	23.2	20.2	52.0
21.9	64.7	6501.5	450.0	-20.3	-35.8	227.7	23.3	17.3	15.7	317.7	319.0	0.4	23.4	22.1	51.0
23.5	68.1	6972.4	425.0	-23.4	-38.4	228.0	22.6	17.8	13.9	319.0	320.2	0.3	23.5	24.0	51.0
25.2	71.7	7363.9	400.0	-26.0	-40.6	237.5	20.4	17.2	10.9	321.0	322.1	0.3	23.7	26.8	51.0
27.1	75.7	7827.6	375.0	-30.0	-43.1	237.0	26.4	22.1	14.4	321.8	322.7	0.2	24.4	29.1	52.0
28.9	79.9	8313.9	350.0	-34.9	-47.0	230.4	21.0	18.3	10.4	321.7	322.2	0.2	27.4	31.9	53.0
31.1	84.0	8827.5	325.0	-38.0	-50.3	233.3	27.9	22.4	10.7	323.3	324.7	0.1	28.8	34.8	53.0
33.3	88.3	9375.8	300.0	-41.2	-54.9	234.5	33.7	27.9	19.4	324.4	324.7	0.1	29.9	38.9	53.0
35.6	93.2	9901.6	275.0	-45.4	-59.9	232.0	37.6	29.6	23.2	324.5	324.5	0.0	29.9	43.2	53.0
38.0	98.1	10502.2	250.0	-49.3	-64.9	236.0	38.6	30.4	20.5	324.8	324.8	0.0	29.9	48.7	53.0
40.4	103.3	11187.6	225.0	-53.2	-69.9	233.6	38.4	30.9	22.1	325.9	325.9	0.0	29.9	54.8	53.0
43.7	109.0	12027.9	200.0	-57.0	-74.9	236.9	36.9	30.6	19.9	326.8	326.8	0.0	29.9	61.9	53.0
47.1	115.2	12869.4	175.0	-59.0	-79.0	236.1	36.7	28.4	19.4	326.6	326.6	0.0	29.9	68.7	54.0
51.2	121.8	13835.6	150.0	-59.2	-82.0	232.0	32.0	28.3	15.0	326.1	326.1	0.0	29.9	77.8	54.0
55.5	128.0	14978.6	125.0	-59.5	-84.1	239.1	30.6	26.2	13.7	327.2	327.2	0.0	29.9	88.4	55.0
60.9	137.0	16363.6	100.0	-64.1	-89.9	239.6	28.6	24.7	14.8	403.9	329.9	0.0	29.9	93.2	55.0
67.8	144.5	18140.2	75.0	-62.0	-99.9	133.2	7.4	-3.3	6.6	443.1	329.5	0.0	29.9	96.2	55.0
77.2	152.7	20824.1	50.0	-60.9	-99.9	43.4	9.5	-3.8	-4.0	500.3	329.9	0.0	29.9	98.3	55.0
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

153

STATION NO. 334  
TINKER AFB, OKLA

7 MAY 1975  
300 GMT

TIME MTN	CNTCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V CCNP M/SEC	POT T DG K	E POT T DG K	MR RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	8.5	393.0	960.1	19.2	8.2	220.0	2.0	1.0	1.5	280.7	316.1	7.2	49.7	0.0	0.
98.9	99.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	59.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	9.7	485.2	950.0	24.0	2.1	17.8	9.5	-2.9	-6.1	302.2	315.7	4.7	24.2	0.3	191.
7.4	11.5	71.7	625.0	23.0	-0.3	21.6	10.2	-3.7	-6.5	303.2	315.0	4.1	21.3	0.8	196.
2.3	12.9	95.1	600.0	21.1	-1.3	33.9	10.2	-5.7	-8.5	303.6	314.0	3.7	21.5	1.3	200.
3.3	15.9	2137.6	675.0	19.2	-3.3	43.0	12.1	-8.3	-8.9	304.2	314.2	3.4	21.6	2.7	207.
4.1	18.1	1445.4	850.0	17.1	-4.9	54.2	13.6	-11.0	-7.9	304.5	313.7	3.1	21.7	2.6	212.
5.1	20.3	1695.6	805.0	14.7	-6.5	63.8	11.5	-10.3	-5.1	304.6	313.0	2.8	22.4	3.3	218.
6.1	22.5	1957.5	800.0	12.4	-7.7	71.6	11.7	-11.1	-3.7	304.7	312.7	2.7	23.8	3.9	223.
7.1	24.9	2222.2	775.0	9.8	-9.8	67.9	13.1	-12.1	-4.9	304.7	311.6	2.3	23.9	4.6	227.
8.1	27.1	2453.4	750.0	7.8	-10.6	62.5	16.2	-14.4	-7.5	304.4	312.2	2.3	25.8	5.4	230.
9.1	29.5	2772.2	725.0	6.5	-13.5	54.9	20.2	-16.5	-11.0	306.8	312.5	1.9	22.3	6.5	232.
10.2	32.1	3059.3	700.0	5.3	-14.7	46.2	21.5	-15.5	-14.9	308.3	313.7	1.7	22.4	8.7	232.
11.3	34.9	3354.9	675.0	2.8	-19.5	44.8	21.9	-15.4	-15.6	309.0	313.1	1.3	18.9	9.3	237.
12.3	37.2	3660.7	650.0	2.5	-23.2	46.4	22.5	-16.3	-15.5	311.9	314.3	0.9	12.9	10.6	239.
13.3	39.9	3975.8	625.0	0.9	-24.3	47.3	22.1	-16.3	-15.0	313.5	316.3	0.8	13.0	12.0	229.
14.5	42.4	4312.4	601.0	-1.3	-25.9	50.3	20.8	-15.9	-13.4	314.6	317.2	0.8	13.3	13.5	229.
15.7	45.3	4639.7	571.0	-3.6	-27.8	49.2	20.5	-15.5	-12.4	315.5	317.8	0.7	13.5	14.1	229.
17.0	48.3	4968.6	550.0	-6.8	-29.9	51.5	22.2	-17.4	-13.8	316.0	318.0	0.6	13.8	16.7	230.
18.2	51.1	5245.4	525.0	-9.6	-32.0	52.1	23.0	-18.2	-14.1	316.9	318.6	0.5	14.1	18.3	230.
19.4	54.1	5522.6	500.0	-13.2	-33.1	50.8	24.9	-19.3	-15.0	317.0	319.7	0.4	16.8	19.9	230.
20.6	57.1	6112.2	475.0	-15.9	-35.0	52.7	23.2	-18.4	-14.0	318.2	319.7	0.4	17.4	21.8	230.
21.9	60.6	6516.9	457.0	-19.6	-36.9	54.1	23.0	-18.6	-13.5	318.6	319.9	0.4	19.7	23.6	230.
23.3	64.3	6939.1	425.0	-22.5	-39.2	55.2	23.7	-19.5	-13.5	320.2	321.2	0.3	19.9	25.5	231.
24.8	67.3	7382.4	400.0	-25.1	-42.3	54.2	24.4	-19.8	-14.3	322.3	323.1	0.2	18.3	27.7	231.
26.5	70.9	7947.2	375.0	-29.5	-44.4	55.8	25.8	-21.4	-14.5	322.5	323.2	0.2	21.7	30.3	231.
28.1	74.7	8335.9	350.0	-34.5	-47.6	53.8	21.6	-17.5	-12.8	323.5	324.0	0.1	22.0	32.4	232.
31.2	82.8	9401.8	300.0	-40.4	-50.8	53.0	31.5	-25.2	-19.0	328.5	329.9	99.9	99.9	37.2	232.
32.9	87.2	9990.5	275.0	-43.8	-52.0	52.0	34.0	-26.8	-20.9	331.2	331.2	99.9	99.9	40.5	232.
34.4	92.0	10624.8	250.0	-47.9	-54.9	52.3	40.4	-32.0	-24.7	334.9	334.9	99.9	99.9	43.5	232.
36.0	97.0	11313.2	225.0	-52.1	-57.9	53.4	39.8	-31.9	-23.7	337.7	337.7	99.9	99.9	47.6	232.
37.9	102.5	12067.7	200.0	-56.3	-59.9	56.0	40.0	-33.2	-22.4	343.7	343.7	99.9	99.9	52.8	232.
40.5	108.8	12910.4	175.0	-58.7	-61.9	57.0	45.1	-37.8	-24.5	353.1	353.1	99.9	99.9	59.9	233.
43.4	115.4	13863.0	150.0	-57.8	-61.4	61.4	30.0	-37.2	-15.6	370.5	370.5	99.9	99.9	71.1	233.
46.7	123.0	15026.0	125.0	-60.2	-61.9	99.9	99.9	-25.5	-13.9	385.9	385.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SAGE\* 41AMS ELEVATION ANGLE LESS THAN 6 DEG



7 MAY 1975  
215 GMT

[illegible]

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

• 2V TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPRELATED

00 BY SPEED MEANS FLEVATION ANGLE LESS THAN 6 DEG



STATION NO. 433  
SALF. ILL

7 MAY 1975  
300 GMT

137 62.0

TIME MIN	CNTCT	HEIGHT FT	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V CCHP M/SEC	POT T DEG K	MR RTG GM/KG	RM PCT	RANGE KM	AZ DEG
0.1	5.4	175.0	990.0	19.7	17.7	50.0	3.5	-2.8	-2.3	295.4	13.0	88.0	0.3	9.0
0.4	9.9	100.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	6.5	306.9	975.0	19.2	16.3	10.2	3.1	-0.6	-3.1	296.1	12.0	83.0	0.2	10.5
1.0	8.5	536.4	950.0	17.6	14.6	17.3	1.8	-0.5	-1.7	296.6	11.1	82.2	0.2	10.7
1.9	10.5	759.0	925.0	14.0	11.5	184.8	2.7	0.2	2.7	299.0	9.3	66.3	0.2	13.1
2.6	12.5	554.0	900.0	17.8	9.7	179.5	3.2	-0.0	2.6	311.0	8.5	59.1	0.1	21.0
3.4	14.7	1234.7	875.0	16.7	8.2	194.1	3.2	0.8	3.1	312.2	8.0	58.4	0.1	31.4
4.2	16.6	1481.3	850.0	15.3	6.9	209.1	3.2	1.6	2.8	323.7	7.4	57.2	0.2	1.4
5.1	18.9	1733.5	825.0	13.4	5.4	193.3	2.5	0.6	2.4	303.7	6.9	58.3	0.4	1.4
5.8	21.0	1691.9	800.0	10.7	4.2	215.4	2.8	1.6	2.3	303.4	6.5	64.0	0.5	1.8
6.6	23.3	2256.3	775.0	9.3	3.7	262.5	4.7	4.7	0.6	304.6	6.5	68.4	0.6	2.6
7.5	25.5	2528.0	750.0	7.6	2.9	269.1	7.4	7.4	0.1	305.6	6.3	72.4	0.8	5.0
8.4	27.8	2806.7	725.0	5.0	2.9	266.1	9.3	9.2	0.6	306.6	6.5	81.6	1.2	6.3
9.3	30.3	3093.8	700.0	4.2	1.7	274.0	11.3	11.2	-0.8	308.0	6.2	83.5	1.7	7.6
10.2	32.8	3385.8	675.0	3.4	-1.9	285.7	13.9	13.4	-3.8	317.1	4.9	88.1	2.4	7.6
11.1	35.4	3695.2	650.0	0.9	-3.0	292.7	16.3	15.0	-6.3	313.6	4.7	75.3	3.1	8.7
12.1	37.9	4098.4	625.0	-1.2	-5.1	297.7	18.0	15.6	-8.6	311.6	4.2	74.8	4.0	9.3
13.0	40.5	4334.2	600.0	-3.3	-9.0	302.6	18.5	15.5	-9.9	312.7	3.2	64.9	4.9	9.9
13.9	43.3	4669.5	575.0	-5.6	-13.0	304.2	18.0	14.9	-10.1	313.8	2.4	56.5	5.8	10.3
14.8	45.9	5016.8	550.0	-8.3	-15.2	304.1	17.0	14.0	-9.5	314.5	2.2	57.6	6.7	10.8
15.7	48.9	5376.6	525.0	-11.1	-11.9	298.5	15.3	13.5	-7.3	315.4	2.9	93.7	7.6	10.8
16.6	51.6	5757.4	500.0	-12.9	-13.9	286.7	15.3	14.7	-4.4	317.6	2.6	92.5	8.6	10.8
18.0	54.8	6140.3	475.0	-14.8	-18.5	286.8	13.0	12.4	-3.7	319.8	1.9	73.2	9.6	10.8
19.3	57.7	6547.7	450.0	-17.7	-23.2	289.6	11.7	11.0	-3.9	321.2	1.3	63.1	10.5	12.8
20.5	61.1	6972.7	425.0	-21.4	-23.1	275.6	14.9	14.8	-1.5	321.7	1.4	66.0	11.5	12.8
21.8	64.6	7417.9	400.0	-24.1	-28.4	268.7	17.6	17.6	0.4	323.7	0.9	67.7	12.7	13.6
23.1	68.3	7895.2	375.0	-27.8	-29.9	256.2	17.3	16.8	4.1	324.8	0.8	81.9	14.0	17.4
24.7	71.4	8377.8	350.0	-31.6	-34.0	250.6	16.8	15.8	5.6	326.2	0.6	78.8	15.4	10.1
26.4	75.3	8898.1	325.0	-35.6	-39.3	250.5	17.7	16.6	5.9	327.6	0.4	68.2	16.8	18.8
27.1	78.5	9449.9	300.0	-40.0	99.9	253.1	21.5	20.6	6.2	329.0	99.9	99.9	18.7	9.4
30.0	82.6	10037.5	275.0	-45.1	99.9	255.7	21.4	20.8	5.3	329.9	99.9	99.9	21.0	9.4
32.1	86.0	10647.2	250.0	-50.0	99.9	259.6	21.7	21.4	3.9	331.8	99.9	99.9	23.5	9.1
34.4	92.0	11347.4	225.0	-55.3	99.9	266.4	26.3	26.3	1.7	333.7	99.9	99.9	26.6	9.0
36.8	98.2	12097.2	200.0	-60.1	99.9	269.3	31.8	31.8	0.4	337.6	99.9	99.9	37.8	9.0
39.3	104.3	12912.4	175.0	-64.0	99.9	269.1	34.8	34.8	0.6	344.3	99.9	99.9	36.7	9.0
42.0	110.3	13857.3	150.0	-63.7	99.9	284.9	23.8	23.0	-6.1	360.4	99.9	99.9	41.6	9.0
46.0	117.3	14978.9	125.0	-63.6	99.9	295.2	22.1	20.0	-8.9	379.8	99.9	99.9	46.3	9.3
51.3	126.0	16362.8	100.0	-58.5	99.9	299.7	17.9	15.5	-8.9	414.7	99.9	99.9	52.3	9.6
59.4	136.0	18150.7	75.0	-61.2	99.9	328.2	3.9	2.0	-3.3	444.6	99.9	99.9	57.6	9.6
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

157

STATION NO. 451  
DOUG CITY, KAN  
7 MAY 1975  
230 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E WJT Y DG K	MX RTD GM/KG	RM PCT	RANGE KM	AZ DG
0.7	13.2	791.0	913.4	15.6	-2.4	200.7	5.2	2.1	5.9	294.4	7.4.4	3.4	26.0	0.2	99.9
09.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	14.4	917.2	930.0	18.4	-1.9	214.6	17.1	10.0	14.5	311.0	311.0	3.7	25.0	0.5	28.0
1.1	16.5	1157.9	875.3	17.0	-3.1	217.3	19.2	11.6	14.3	311.9	312.1	3.5	25.0	1.1	32.0
1.9	18.5	1403.9	850.0	15.0	-4.8	222.7	18.2	12.3	12.4	312.3	311.5	3.2	25.1	2.7	36.0
2.7	21.7	1655.2	825.0	12.5	-6.0	224.2	16.9	11.8	12.2	312.2	311.3	2.8	25.2	2.9	18.0
3.6	23.4	1912.2	800.0	10.3	-8.7	226.1	17.2	12.4	12.0	312.4	309.7	2.5	25.3	3.7	47.0
4.4	25.9	2175.1	775.0	7.8	-10.4	228.2	17.3	12.9	11.5	312.5	309.4	2.4	26.0	4.6	41.0
5.3	28.2	2442.9	750.0	5.2	-11.9	229.8	17.5	13.2	11.5	312.3	308.4	2.0	28.1	5.5	47.0
6.1	30.8	2719.1	725.0	2.5	-13.8	234.1	15.1	12.2	8.8	312.4	307.9	1.8	27.0	6.3	43.0
7.0	33.4	3001.5	700.0	0.4	-16.7	237.2	15.5	13.0	8.4	312.1	317.9	1.6	27.0	7.2	45.0
8.1	36.9	3292.5	675.0	-1.0	-18.7	236.8	16.7	14.0	5.1	314.7	308.7	1.3	24.6	8.1	46.0
9.1	40.7	3593.5	650.0	-1.5	-20.3	226.0	21.9	15.4	15.2	317.4	311.1	1.2	22.2	9.2	47.0
10.1	44.3	3905.4	625.0	-2.7	-21.7	219.2	25.0	15.8	14.4	319.5	312.6	1.1	21.6	10.8	46.0
11.1	48.2	4227.4	600.0	-5.3	-23.7	214.3	24.8	14.6	20.1	313.1	313.1	0.9	21.7	12.2	45.0
12.1	47.3	4560.3	575.0	-7.4	-25.5	217.5	25.6	15.6	20.4	311.4	314.1	0.8	21.8	13.7	44.0
13.0	50.3	4775.2	550.0	-9.4	-27.1	221.8	28.0	14.7	20.9	313.0	315.5	0.7	22.0	15.2	44.0
14.0	53.3	5267.9	525.0	-12.4	-29.6	223.7	30.8	21.3	22.2	313.6	315.7	0.6	22.3	16.8	44.0
15.1	56.3	5433.7	500.0	-15.0	-31.7	222.3	29.5	19.2	21.1	314.8	316.6	0.5	22.3	18.9	44.0
16.3	55.4	6019.5	475.0	-17.9	-34.2	221.4	30.8	20.4	23.1	315.9	317.3	0.4	22.5	21.1	43.0
17.7	63.1	6421.5	450.0	-20.0	-35.9	219.6	29.4	14.6	22.7	318.1	319.4	0.4	22.6	23.5	43.0
18.2	66.3	6843.5	425.0	-22.7	-38.2	220.9	26.7	19.4	22.4	313.8	321.0	0.3	22.8	26.0	43.0
21.1	70.0	7285.4	400.0	-26.2	-39.7	223.1	30.7	21.0	22.4	321.9	321.9	0.3	22.8	29.4	43.0
27.3	85.9	9238.1	375.0	-29.9	-42.1	219.6	37.1	21.7	28.6	321.3	322.9	0.2	29.2	32.4	43.0
27.7	85.9	9238.1	350.0	-31.8	-45.1	220.4	34.5	22.3	26.3	323.1	323.8	0.2	30.6	35.8	42.0
25.7	81.6	8752.1	325.0	-37.9	-47.8	221.4	42.4	24.0	31.8	324.3	324.9	0.1	34.1	39.6	42.0
29.6	90.5	9879.4	300.0	-42.7	-49.9	221.9	39.2	26.2	29.2	325.2	324.9	99.9	99.9	43.8	42.0
31.9	95.3	11521.4	250.0	-47.9	-50.0	222.7	29.8	23.0	27.2	326.0	99.9	99.9	99.9	40.4	42.0
31.9	95.3	11521.4	250.0	-52.3	-50.0	220.2	34.4	22.2	26.2	326.4	99.9	99.9	99.9	52.5	42.0
31.9	95.3	11521.4	250.0	-56.7	-50.0	218.1	30.5	14.8	24.0	331.7	99.9	99.9	99.9	58.1	42.0
40.9	112.7	11925.0	210.0	-54.4	-54.4	225.1	30.8	21.8	21.7	336.7	99.9	99.9	99.9	67.2	42.0
44.5	118.7	13763.4	150.0	-56.6	-56.6	218.4	27.7	18.6	20.4	359.4	99.9	99.9	99.9	68.6	42.0
48.9	124.0	14916.5	125.0	-57.3	-59.9	224.6	15.3	13.5	21.7	372.6	99.9	99.9	99.9	73.2	41.0
54.1	134.3	16337.6	100.0	-52.8	-59.9	253.8	9.9	9.5	13.7	351.2	9.9	99.9	99.9	79.5	41.0
60.6	142.3	18155.9	75.0	-61.5	-59.9	251.4	2.6	2.7	0.9	444.1	9.9	99.9	99.9	87.8	43.0
69.3	151.3	21677.9	50.0	-61.0	-59.9	262.3	0.6	0.6	0.1	499.9	99.9	99.9	99.9	91.7	43.0
82.8	160.5	25948.2	25.0	-53.1	-59.9	44.7	4.8	-3.4	-3.4	632.3	99.9	99.9	99.9	99.4	43.0

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
 TOPEKA, KAN

 7 MAY 1975  
 215 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	CIR DG	SPEED M/SEC	U COMP M/SEC	V CCMF M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.1	6.9	268.0	972.3	22.2	7.6	180.0	2.6	0.0	2.6	256.7	317.1	6.8	39.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	9.1	470.2	950.0	23.4	6.3	239.9	10.9	9.4	5.4	301.9	319.5	6.3	33.1	0.4	50.
1.6	11.7	702.1	925.0	22.3	5.0	226.1	10.3	8.6	5.8	302.9	319.5	5.9	32.3	0.9	55.
2.5	13.4	939.1	900.0	19.9	2.4	227.6	12.1	9.0	8.2	302.7	317.0	5.1	31.1	1.4	54.
3.3	15.6	1180.9	975.0	18.0	1.3	216.3	11.5	6.8	9.2	303.1	316.8	4.8	32.6	2.7	51.
4.2	18.7	1427.6	850.0	15.8	-1.0	212.6	13.1	7.0	11.0	303.3	315.3	4.2	31.6	2.7	48.
5.1	20.4	1638.1	825.0	13.5	-0.5	202.4	14.0	5.3	13.0	303.5	315.3	4.5	38.0	3.4	43.
6.0	22.7	1938.1	800.0	10.9	3.1	192.4	14.4	3.1	14.0	303.6	320.5	6.0	58.6	4.1	38.
6.9	25.3	2272.1	775.0	8.6	-2.3	195.1	14.3	3.7	13.8	303.6	316.1	4.4	48.4	4.8	34.
7.8	27.7	2472.6	750.0	7.8	-16.7	195.9	12.7	3.5	12.2	305.2	309.5	1.4	15.7	5.9	31.
8.4	3.3	2751.3	725.0	6.9	-15.9	216.1	15.7	7.4	13.9	307.2	312.0	1.5	17.9	6.3	30.
9.9	37.7	3039.2	700.0	6.0	-11.0	211.6	21.1	11.0	18.0	309.4	316.6	2.4	28.3	7.4	30.
10.9	35.7	3335.6	675.0	3.1	-12.6	210.5	20.6	10.5	17.8	309.4	316.0	2.2	30.4	6.7	30.
11.9	38.4	3639.7	650.0	0.1	-11.3	215.4	21.7	10.6	18.5	309.4	317.1	2.5	42.9	10.0	30.
12.9	41.1	3952.4	625.0	-2.7	-12.5	211.6	22.6	11.6	19.3	315.6	316.6	2.3	46.7	11.4	30.
14.1	44.2	4274.5	600.0	-5.4	-18.6	213.4	21.6	11.9	18.1	310.0	314.6	1.5	34.5	12.9	30.
15.2	47.3	4677.0	575.0	-7.8	-28.9	220.1	19.5	12.6	14.9	310.9	313.3	0.7	19.8	14.3	31.
16.4	57.3	4951.2	550.0	-10.2	-30.0	225.7	20.1	14.4	14.0	312.1	314.0	0.6	17.9	15.6	32.
17.6	53.4	5309.4	525.0	-11.9	-32.7	228.6	22.7	17.1	13.5	314.2	315.7	0.5	15.7	17.2	33.
19.7	56.5	5660.1	500.0	-14.6	-35.6	228.9	22.7	17.1	14.9	315.2	316.5	0.4	14.8	18.9	35.
20.6	62.0	6767.0	475.0	-16.3	-36.9	226.9	25.2	18.4	17.2	317.7	318.9	0.3	14.9	20.9	36.
22.3	63.6	6871.7	450.0	-19.0	-39.0	225.4	22.5	16.0	15.8	319.3	323.3	0.3	15.2	23.3	37.
24.7	67.0	7338.7	425.0	-22.3	-41.8	223.4	21.3	14.6	15.5	323.4	321.2	0.2	15.0	25.8	38.
25.9	70.7	7738.7	400.0	-24.6	-43.6	217.5	20.1	12.2	15.9	321.0	323.7	0.2	15.2	28.0	38.
27.6	74.7	7804.6	375.0	-28.8	-46.8	216.9	16.6	9.9	13.2	323.5	324.0	0.1	15.9	29.8	38.
29.4	78.9	8294.1	350.0	-33.1	-50.3	213.8	16.7	9.3	13.9	324.0	324.4	0.1	15.9	32.0	38.
31.6	83.0	8810.6	325.0	-37.4	-52.4	207.3	16.7	7.7	14.8	325.0	325.4	0.1	19.1	33.9	37.
33.9	87.4	9358.4	300.0	-41.9	-59.9	28.5	16.0	7.6	14.0	324.3	999.9	99.9	99.9	36.0	37.
36.4	92.2	9942.0	275.0	-46.4	99.9	193.3	15.3	3.5	14.9	326.0	999.9	99.9	99.9	38.2	36.
39.1	97.2	10566.2	250.0	-52.2	99.9	196.8	16.1	4.7	15.4	328.4	999.9	99.9	99.9	40.2	34.
41.8	102.5	11247.3	225.0	-56.3	99.9	204.6	19.9	6.3	18.1	332.2	999.9	99.9	99.9	43.0	34.
45.3	106.5	11823.9	200.0	-58.7	99.9	219.3	24.8	15.7	19.2	335.8	999.9	99.9	99.9	47.8	34.
48.6	114.8	12316.6	175.0	-59.5	99.9	226.0	23.8	17.1	16.5	351.7	999.9	99.9	99.9	52.8	35.
52.2	121.7	13780.5	150.0	-60.6	99.9	221.9	19.7	13.1	14.6	365.7	999.9	99.9	99.9	57.3	35.
57.1	129.3	14914.0	125.0	-60.0	99.9	236.9	33.4	28.6	17.2	386.3	999.9	99.9	99.9	64.0	37.
63.1	137.7	16323.0	100.0	-55.8	99.9	288.0	16.8	15.9	-5.2	419.9	999.9	99.9	99.9	70.8	41.
70.0	146.4	18119.9	75.0	-63.3	99.9	332.6	8.4	3.9	-7.4	440.2	999.9	99.9	99.9	71.9	41.
80.6	155.3	20644.6	50.0	-59.4	99.9	22.5	2.4	-0.9	-2.2	503.6	999.9	99.9	99.9	76.7	46.
97.0	164.7	25058.6	25.0	-51.1	99.9	318.5	1.8	1.2	-1.3	638.1	999.9	99.9	99.9	88.0	48.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 476  
 GRAND JUNCTION, CULN

 7 MAY 1975  
 215 GMT

TIME MIN	CNTCT	HEIGHT GPM	PREC WB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.5	1474.0	844.5	6.1	-9.7	270.0	3.1	3.1	0.0	293.4	299.5	2.2	31.0	0.0	0
00.0	99.9	999.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	999.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	999.0	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	999.0	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	999.0	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	999.0	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.0	99.9	999.0	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	21.3	1465.4	825.0	5.5	-6.9	259.1	6.0	6.0	4.1	254.7	331.5	2.4	34.4	0.3	63
1.7	23.7	1915.9	800.0	3.2	-17.1	250.4	6.6	6.6	2.9	254.8	301.2	2.2	37.0	0.7	63
2.5	25.9	2172.1	775.0	0.7	-11.4	256.1	9.2	8.9	2.2	294.8	300.8	2.1	39.8	1.2	66
3.4	28.6	2434.1	750.0	-1.9	-12.3	254.9	10.1	9.7	2.6	294.7	300.5	2.0	44.8	1.7	70
4.2	31.1	2732.3	725.0	-4.5	-13.4	256.1	11.3	11.0	2.7	294.7	300.0	1.8	49.0	2.2	71
5.2	33.8	2977.5	700.0	-7.1	-15.0	262.5	10.8	10.7	1.4	294.9	299.8	1.7	53.0	2.8	73
6.1	36.3	3257.1	675.0	-9.4	-17.0	269.3	9.0	9.0	0.1	295.3	299.7	1.5	53.8	3.4	75
7.1	39.1	3537.5	650.0	-11.8	-19.3	262.6	7.1	7.1	0.9	295.7	299.5	1.3	53.5	3.9	77
8.2	41.7	3849.7	625.0	-14.2	-21.7	262.4	6.3	6.3	0.8	296.3	299.5	1.1	53.0	4.3	77
9.3	44.6	4157.7	600.0	-17.2	-24.1	266.7	7.0	7.0	0.4	296.3	299.1	0.9	54.7	4.7	78
10.3	47.5	4475.3	575.0	-20.0	-25.0	262.8	8.4	8.3	1.1	296.7	299.3	0.9	64.2	5.2	78
11.4	50.4	4803.3	550.0	-22.6	-28.1	260.6	9.0	8.9	1.5	297.3	299.5	0.7	60.5	5.7	79
12.4	53.4	5142.4	525.0	-25.8	-30.4	263.6	9.1	9.1	1.0	297.4	299.2	0.6	65.6	6.3	79
13.4	56.4	5404.2	500.0	-28.2	-33.1	277.1	8.9	8.8	-1.1	298.6	300.1	0.5	63.2	6.8	79
14.7	59.7	5681.7	475.0	-29.7	-37.0	300.8	8.9	7.6	-4.4	301.3	302.4	0.3	48.6	7.4	82
16.1	63.1	6245.3	450.0	-32.3	-36.3	327.3	9.0	4.9	-7.5	302.7	303.9	0.4	66.9	7.9	86
17.3	66.6	6845.9	425.0	-35.6	-38.1	322.5	10.8	6.6	-8.6	303.4	304.5	0.3	77.5	8.3	91
18.7	70.1	7065.0	400.0	-38.7	-41.4	323.1	12.4	7.5	-9.9	304.6	305.4	0.2	75.4	8.9	95
20.0	73.9	7504.5	375.0	-40.6	99.9	328.7	15.4	5.6	-14.4	307.9	99.9	99.9	99.9	9.6	101
21.3	77.8	7973.7	350.0	-43.5	99.9	332.5	13.7	1.8	-13.5	310.1	99.9	99.9	99.9	10.2	117
23.0	81.7	8469.4	325.0	-47.2	99.9	337.4	16.0	0.7	-16.0	311.6	99.9	99.9	99.9	10.8	115
24.7	85.9	8994.3	300.0	-49.3	99.9	342.9	9.2	2.7	-4.6	315.9	99.9	99.9	99.9	11.5	121
26.8	90.4	9565.6	275.0	-45.8	99.9	293.3	9.0	6.2	-3.5	328.9	99.9	99.9	99.9	12.5	122
29.0	95.2	10216.6	250.0	-44.9	99.9	256.8	10.3	10.0	2.3	339.3	99.9	99.9	99.9	13.6	120
31.6	100.2	10511.3	225.0	-45.0	99.9	246.7	14.5	13.4	5.7	349.5	99.9	99.9	99.9	15.0	113
34.6	105.8	11655.7	200.0	-47.3	99.9	253.3	16.8	15.0	7.5	357.9	99.9	99.9	99.9	16.7	106
38.1	111.7	12577.6	175.0	-49.6	99.9	232.9	13.5	10.8	8.2	368.1	99.9	99.9	99.9	18.9	99
41.7	118.0	13574.6	150.0	-54.5	99.9	229.4	14.4	11.0	5.4	376.1	99.9	99.9	99.9	20.9	92
48.9	125.3	14741.5	125.0	-54.2	99.9	212.6	10.8	5.8	9.1	390.9	99.9	99.9	99.9	23.0	88
51.3	133.3	16171.2	100.0	-54.1	99.9	230.4	7.2	5.6	4.6	423.2	99.9	99.9	99.9	25.3	82
57.9	141.3	18005.1	75.0	-56.8	99.9	190.3	7.7	0.0	7.7	483.8	99.9	99.9	99.9	26.1	75
60.9	150.0	23544.2	50.0	-59.2	99.9	139.9	2.0	-1.3	1.5	544.0	99.9	99.9	99.9	26.7	73
60.6	150.0	24921.9	25.0	-54.5	99.9	23.9	5.4	-2.3	-5.1	627.9	99.9	99.9	99.9	25.5	75

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11021  
MARSHALL SPACE FLIGHT CENTER

7 MAY 1975  
226 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR KYD GM/KG	RM PCT	RANGE KM	AZ DG
0.1	6.3	180.0	992.9	20.1	18.4	130.0	1.6	-1.2	1.0	295.7	331.0	13.8	90.3	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.4	7.8	336.7	975.0	22.1	20.0	151.6	4.7	-2.2	4.1	299.5	341.5	16.0	91.8	0.2	327.
1.8	10.3	564.8	952.0	20.9	20.3	191.7	8.2	1.7	6.0	307.5	342.8	16.0	94.7	0.5	347.
2.7	12.7	788.0	925.0	19.1	18.2	194.7	11.2	3.5	10.7	316.8	339.1	14.4	94.4	1.0	2.
3.5	14.2	1032.3	900.0	18.2	16.6	199.1	12.7	4.1	12.0	302.1	337.8	13.3	90.1	1.6	9.
4.4	16.2	1274.1	875.0	17.4	11.5	203.7	9.8	4.0	9.0	303.0	333.0	9.8	68.5	2.2	11.
5.4	18.5	1521.5	850.0	15.9	8.5	223.1	10.1	6.9	7.4	303.9	328.6	8.2	61.4	2.7	16.
6.3	20.5	1774.6	825.0	13.7	7.2	221.7	8.4	5.6	6.3	304.1	325.6	7.7	64.5	3.2	25.
7.3	22.8	2033.2	800.0	11.3	6.2	234.1	6.5	4.2	5.4	304.2	325.0	7.5	70.9	3.6	34.
8.2	25.1	2237.8	775.0	9.3	7.3	223.0	7.0	4.6	5.1	304.6	326.0	8.3	87.6	3.9	26.
9.1	27.3	2569.3	750.0	6.9	6.2	216.7	8.9	5.3	7.1	305.1	327.3	8.0	95.8	4.3	27.
10.2	29.8	2849.2	725.0	6.5	4.7	228.4	9.8	7.3	6.5	307.5	328.5	7.4	88.3	4.9	29.
11.2	32.3	3136.7	700.0	4.5	2.0	247.5	9.5	8.8	5.6	308.3	326.3	6.3	83.7	5.5	36.
12.3	34.9	3431.4	675.0	2.2	0.9	268.5	9.6	9.6	0.3	308.9	326.2	6.1	90.9	5.9	36.
13.3	37.2	3737.1	650.0	1.7	-1.6	287.5	10.0	9.6	-3.0	311.6	326.9	5.3	78.7	6.2	41.
14.5	40.3	4052.6	625.0	-0.5	-4.5	305.0	9.4	7.7	-5.4	312.4	325.5	4.4	74.4	6.4	47.
15.8	42.6	4378.4	600.0	-2.5	-9.9	328.5	7.8	6.4	-4.5	313.6	322.6	3.0	57.1	6.5	53.
16.9	45.4	4715.3	575.0	-4.0	-34.6	298.5	10.5	9.2	-5.0	315.4	316.6	0.4	7.2	6.8	56.
18.2	48.3	5042.2	550.0	-6.7	-34.5	301.7	12.2	17.3	-6.4	318.1	317.4	0.4	9.0	7.2	64.
19.5	51.1	5426.0	525.0	-8.3	-37.3	290.8	13.4	12.5	-4.7	318.5	319.5	0.3	7.5	7.8	70.
20.9	54.3	5812.4	500.0	-10.8	-43.7	289.7	13.8	12.4	-4.7	319.9	320.4	0.2	4.7	8.8	74.
22.4	57.3	6194.0	475.0	-14.1	-54.2	292.0	13.5	12.4	-5.2	320.5	320.7	0.1	2.4	9.7	76.
23.6	60.6	6601.6	450.0	-17.0	-48.6	286.5	15.3	4.0	-4.3	321.1	321.4	0.1	4.7	10.7	82.
25.1	64.1	7026.4	425.0	-20.7	-40.3	279.8	17.1	1.8	-2.9	322.4	322.8	0.1	5.6	12.1	94.
26.6	67.4	7472.6	400.0	-23.3	-46.9	278.4	18.3	1.1	-2.7	324.7	325.1	0.1	7.5	13.5	86.
28.4	71.0	7941.9	375.0	-26.4	-52.8	275.4	17.2	1.1	-1.6	326.6	326.9	0.1	6.2	15.4	87.
30.3	75.0	8437.3	350.0	-29.7	-55.6	295.1	19.7	17.8	-8.4	328.6	328.9	0.1	6.0	17.4	89.
31.4	76.2	8955.9	325.0	-34.8	-57.6	264.3	23.0	20.9	-9.5	328.6	328.9	0.0	7.7	18.5	91.
34.3	83.2	9513.6	300.0	-39.3	99.9	291.0	24.1	22.4	-9.0	329.9	329.9	99.9	99.9	22.4	95.
36.3	87.6	10104.1	275.0	-43.7	99.9	249.7	26.1	24.5	-8.8	331.9	329.9	99.9	99.9	25.3	97.
38.6	92.6	10736.7	250.0	-49.1	99.9	253.5	25.0	23.8	-10.3	333.1	329.9	99.9	99.9	28.8	99.
41.2	97.4	11419.6	225.0	-54.7	99.9	290.6	26.6	24.9	-9.4	334.7	329.9	99.9	99.9	32.9	102.
43.8	103.7	12162.7	200.0	-61.0	99.9	291.2	28.7	26.8	-10.4	336.2	329.9	99.9	99.9	36.8	103.
46.7	109.8	12982.5	175.0	-68.4	99.9	292.7	41.1	37.9	-15.8	342.1	329.9	99.9	99.9	43.1	103.
49.8	116.5	13920.5	150.0	-64.3	99.9	289.7	39.9	37.6	-13.4	349.3	329.9	99.9	99.9	50.5	104.
53.3	124.7	15040.2	125.0	-61.4	99.9	304.6	34.7	35.6	-15.7	353.8	329.9	99.9	99.9	58.4	105.
57.6	135.5	16414.4	100.0	-61.9	99.9	301.3	17.3	14.0	-9.0	408.1	329.9	99.9	99.9	63.6	107.
63.3	142.7	18141.2	75.0	-63.7	99.9	310.2	3.8	2.9	-2.5	-19.4	329.9	99.9	99.9	67.7	170.
71.2	153.5	20799.9	50.0	-58.6	99.9	64.8	3.9	-3.5	-1.7	505.4	329.9	99.9	99.9	68.3	110.
83.8	164.5	25120.4	25.0	-51.8	99.9	105.6	4.6	-4.5	1.2	636.8	329.9	99.9	99.9	67.5	111.

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE  
OF POOR QUALITY

STATION NO. 22002  
FT. SILL. OKLA

7 MAY 1975  
310 GMT

TIME MIN	CNTCT	HEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V CCVP M/SEC	PCT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.1	8.6	362.0	953.4	20.1	8.8	150.0	2.1	-1.0	1.8	237.4	317.4	7.4	48.0	0.0	0
00.9	99.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.9	99.9	00.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.9	99.9	00.9	950.0	24.2	7.9	177.4	9.0	-0.4	9.0	302.8	322.4	7.1	35.4	0.3	352
03.9	99.9	00.9	925.0	22.7	3.6	185.3	6.0	0.7	8.0	303.3	318.4	5.4	28.5	0.7	357
04.9	99.9	00.9	900.0	21.2	2.1	195.6	7.8	2.2	7.5	304.0	318.1	5.0	28.3	1.1	2
05.9	99.9	00.9	875.0	19.0	0.3	213.8	7.9	4.4	6.6	304.2	317.7	4.5	28.4	1.5	9
06.9	99.9	00.9	850.0	16.9	-1.5	226.6	11.1	8.0	7.6	304.4	316.0	4.0	28.4	2.1	17
07.9	99.9	00.9	825.0	14.8	-3.3	233.0	13.3	11.6	8.0	304.8	315.4	3.7	28.5	2.7	25
08.9	99.9	00.9	800.0	12.6	-4.8	239.2	13.6	11.7	6.9	305.0	314.8	3.3	29.2	3.5	33
09.9	99.9	00.9	775.0	10.1	-6.0	239.7	14.4	12.4	7.4	305.0	314.3	3.2	31.7	4.2	38
10.9	99.9	00.9	750.0	7.5	-7.4	245.9	15.0	13.7	6.1	305.1	313.7	2.9	33.6	5.1	42
11.9	99.9	00.9	725.0	4.9	-8.4	251.8	15.9	15.1	5.0	305.2	313.5	2.8	37.4	6.0	47
12.9	99.9	00.9	700.0	2.3	-9.9	248.4	17.4	16.2	6.4	305.3	313.0	2.6	39.9	6.9	51
13.9	99.9	00.9	675.0	0.2	-13.8	243.5	20.1	17.5	9.9	305.1	312.0	1.9	33.9	8.1	52
14.9	99.9	00.9	650.0	1.1	-21.2	241.4	20.9	18.4	10.0	310.4	313.8	1.1	17.0	9.6	54
15.9	99.9	00.9	625.0	-0.3	-22.3	241.3	20.5	18.0	9.9	310.2	313.5	1.0	17.1	11.1	55
16.9	99.9	00.9	600.0	-2.3	-23.8	236.2	20.1	17.2	10.3	313.6	316.6	0.9	17.3	12.6	55
17.9	99.9	00.9	575.0	-4.6	-25.6	236.8	20.3	17.4	10.5	314.6	317.4	0.8	17.4	14.0	56
18.9	99.9	00.9	550.0	-7.5	-28.0	237.8	22.4	19.0	12.0	315.3	318.0	0.8	20.9	15.6	56
19.9	99.9	00.9	525.0	-10.9	-28.6	237.7	21.5	17.3	12.7	315.4	317.7	0.7	21.6	17.2	56
20.9	99.9	00.9	500.0	-13.5	-30.3	232.9	21.0	19.1	14.4	316.7	318.7	0.6	22.6	19.9	56
21.9	99.9	00.9	475.0	-16.3	-32.7	236.2	23.1	19.2	12.8	317.8	319.6	0.5	22.7	20.7	56
22.9	99.9	00.9	450.0	-19.8	-35.5	237.2	21.9	18.4	11.9	318.4	319.8	0.4	22.9	22.5	56
23.9	99.9	00.9	425.0	-22.7	-38.0	236.2	20.4	17.4	10.8	319.9	321.1	0.3	23.1	24.3	56
24.9	99.9	00.9	400.0	-26.1	-39.9	237.6	20.3	21.3	13.6	321.0	322.0	0.3	25.8	26.1	56
25.9	99.9	00.9	375.0	-30.5	-39.3	235.5	23.9	19.7	13.5	321.1	321.9	0.2	27.2	28.4	56
26.9	99.9	00.9	350.0	-35.2	-47.3	236.8	22.6	18.9	12.3	321.3	321.8	0.1	27.4	30.6	56
27.9	99.9	00.9	325.0	-38.7	-47.3	237.5	21.1	22.9	14.6	323.3	321.8	0.1	27.4	30.6	56
28.9	99.9	00.9	300.0	-42.6	-49.9	239.0	20.6	24.3	15.2	323.3	321.8	0.1	27.4	30.6	56
29.9	99.9	00.9	275.0	-46.5	-49.9	238.8	20.0	21.9	15.2	323.3	321.8	0.1	27.4	30.6	56
30.9	99.9	00.9	250.0	-50.7	-49.9	241.6	41.0	31.9	15.2	323.3	321.8	0.1	27.4	30.6	56
31.9	99.9	00.9	225.0	-54.7	-49.9	241.6	41.0	31.9	15.2	323.3	321.8	0.1	27.4	30.6	56
32.9	99.9	00.9	200.0	-58.7	-49.9	241.6	41.0	31.9	15.2	323.3	321.8	0.1	27.4	30.6	56
33.9	99.9	00.9	175.0	-58.7	-49.9	241.6	41.0	31.9	15.2	323.3	321.8	0.1	27.4	30.6	56
34.9	99.9	00.9	150.0	-58.7	-49.9	241.6	41.0	31.9	15.2	323.3	321.8	0.1	27.4	30.6	56
35.9	99.9	00.9	125.0	-58.7	-49.9	241.6	41.0	31.9	15.2	323.3	321.8	0.1	27.4	30.6	56
36.9	99.9	00.9	100.0	-58.7	-49.9	241.6	41.0	31.9	15.2	323.3	321.8	0.1	27.4	30.6	56
37.9	99.9	00.9	75.0	-58.7	-49.9	241.6	41.0	31.9	15.2	323.3	321.8	0.1	27.4	30.6	56
38.9	99.9	00.9	50.0	-58.7	-49.9	241.6	41.0	31.9	15.2	323.3	321.8	0.1	27.4	30.6	56
39.9	99.9	00.9	25.0	-58.7	-49.9	241.6	41.0	31.9	15.2	323.3	321.8	0.1	27.4	30.6	56

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 17 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



Sounding Data

7 May 1975

1200 GMT

**PRECEDING PAGE BLANK NOT FILMED**

STATION NO. 232  
BOOTHVILLE, LA7 MAY 1975  
1115 GMT

TIME MIN	CNTCT	4T IN	PRES MB	TEMP CG C	DW PT CG C	DIR DG	SPEED M/SFC	U COMP M/SEC	V COMP M/SFC	POT T CG K	E POT T CG K	WX RTO CM/KG	RM PCT	165 K	15.0 K	n
0.0	5.4	1.0	1011.0	23.2	22.4	140.0	2.1	-1.3	1.6	297.7	342.2	17.1	94.0	0.0	0.0	..
0.4	6.3	97.2	1007.0	23.4	21.2	163.6	9.3	-2.6	4.9	299.4	346.9	18.2	96.2	0.2	320.	..
1.5	8.6	310.5	975.0	23.0	22.3	145.7	11.0	-2.7	10.0	300.7	347.3	17.7	96.3	0.8	319.	..
2.3	10.9	546.2	950.0	21.2	23.5	172.9	11.8	-1.5	11.7	300.8	347.7	16.2	96.6	1.3	343.	..
3.2	13.3	777.7	925.0	19.6	18.8	176.7	9.9	-0.6	9.8	301.4	341.1	14.9	94.8	2.7	347.	..
4.2	15.9	1014.0	900.0	19.1	7.7	180.3	9.7	0.0	8.7	302.2	323.1	7.6	49.3	2.5	357.	..
5.2	18.2	1246.8	875.0	20.0	9.2	189.1	5.9	0.9	5.9	305.7	329.0	8.4	49.9	2.9	352.	..
6.2	20.6	1506.6	850.0	18.9	9.9	215.4	6.9	4.1	5.6	307.1	332.4	9.1	56.0	3.2	355.	..
7.1	23.1	1762.2	825.0	15.8	13.8	224.4	6.7	4.7	4.8	306.9	340.4	12.2	88.4	3.5	367.	..
8.2	25.6	2023.7	800.0	14.1	10.9	214.7	7.1	4.0	5.9	307.6	336.3	13.3	90.6	3.9	4.0	..
9.3	28.2	2291.4	775.0	13.3	-9.2	205.9	7.7	3.3	6.9	308.4	315.9	2.5	20.0	4.4	7.0	..
10.4	31.3	2671.1	750.0	13.1	-3.1	214.1	6.9	3.9	5.7	311.3	323.3	4.1	32.2	4.8	9.0	..
11.5	32.9	2851.3	725.0	11.8	-4.8	222.1	9.1	5.9	7.0	312.9	324.0	3.7	30.9	5.2	11.0	..
12.6	36.4	3144.1	700.0	10.9	-13.0	226.7	10.2	7.8	6.6	314.8	321.2	2.0	17.3	5.0	16.0	..
13.8	39.4	3444.1	675.0	8.4	-1.7	243.3	9.9	8.8	4.4	315.7	330.7	5.0	49.2	6.4	19.0	..
15.1	42.1	3756.6	650.0	5.6	-1.4	265.7	13.5	10.5	0.9	316.0	332.0	5.4	60.8	6.9	24.0	..
16.3	45.3	4076.5	625.0	3.3	-6.3	271.5	13.7	13.7	-0.4	316.7	328.3	3.8	49.4	7.2	31.0	..
17.6	48.4	4416.1	600.0	0.4	-5.7	270.1	16.2	16.2	-0.0	317.1	329.7	4.2	64.0	7.9	35.0	..
18.9	51.3	4746.0	575.0	-2.6	-7.4	266.7	18.0	18.0	1.1	317.4	329.5	4.0	72.3	8.9	42.0	..
20.2	54.6	5076.0	550.0	-4.9	-13.8	266.7	21.0	20.0	1.2	318.5	326.9	2.4	49.6	10.0	51.0	..
21.6	57.6	5461.6	525.0	-7.5	-21.1	270.5	23.5	23.5	-0.2	319.6	324.0	1.4	33.0	11.6	56.0	..
23.0	61.1	5839.1	500.0	-10.9	-21.1	269.3	23.6	23.6	0.2	319.3	324.6	1.4	42.5	13.3	61.0	..
24.5	64.8	6237.6	475.0	-14.5	-23.3	269.9	21.2	21.2	-1.3	325.2	326.1	0.2	8.7	15.1	65.0	..
26.0	68.7	6647.5	450.0	-14.3	-40.4	274.4	16.3	16.3	-1.3	325.2	326.1	0.2	8.7	16.7	67.0	..
27.6	71.9	7073.8	425.0	-16.3	-41.7	278.6	16.5	14.3	-2.5	328.0	328.8	0.2	9.1	16.3	70.0	..
29.3	75.3	7525.5	400.0	-20.3	-39.4	274.5	17.1	17.0	-0.4	329.3	331.9	0.3	16.2	19.5	72.0	..
31.1	79.5	7999.9	375.0	-24.4	-39.4	274.5	17.1	17.0	-0.4	329.3	331.9	0.3	16.2	21.5	74.0	..
33.0	83.5	8498.4	350.0	-28.4	-38.5	270.4	24.4	24.4	-0.2	330.5	331.9	0.4	36.8	24.7	76.0	..
35.0	87.7	9025.4	325.0	-32.7	-41.3	273.5	27.5	27.4	-1.7	332.5	332.7	0.3	41.5	27.1	78.0	..
37.1	92.3	9583.5	300.0	-37.5	-44.9	272.2	29.0	28.9	-1.1	332.5	333.4	0.2	45.2	27.3	79.0	..
39.4	97.7	10177.9	275.0	-42.4	-44.9	274.6	30.1	30.0	-2.4	333.9	333.4	0.9	99.9	27.3	81.0	..
41.7	102.7	10814.4	250.0	-48.0	-44.9	274.6	33.2	33.1	-2.7	334.7	333.4	0.9	99.9	27.3	83.0	..
44.2	107.3	11522.4	225.0	-51.9	-44.9	280.4	33.5	33.0	-6.1	339.0	333.4	0.9	99.9	27.3	84.0	..
46.9	112.3	12242.1	200.0	-55.7	-44.9	283.3	34.5	33.6	-7.9	344.8	333.4	0.9	99.9	27.3	86.0	..
49.9	119.5	13094.3	175.0	-60.7	-44.9	283.3	34.5	33.6	-7.9	344.8	333.4	0.9	99.9	27.3	88.0	..
53.1	126.3	14052.4	150.0	-63.9	-44.9	283.3	34.5	33.6	-7.9	344.8	333.4	0.9	99.9	27.3	90.0	..
56.9	133.7	15155.7	125.0	-67.1	-44.9	289.7	30.5	29.7	-10.3	373.6	333.4	0.9	99.9	27.3	92.0	..
61.5	141.3	16494.2	100.0	-70.9	-44.9	302.8	20.1	16.9	-10.9	373.6	333.4	0.9	99.9	27.3	94.0	..
67.4	149.3	17886.7	75.0	-73.0	-44.9	12.3	3.6	-0.8	-3.5	419.5	333.4	0.9	99.9	27.3	96.0	..
74.9	157.3	20457.7	50.0	-82.5	-44.9	84.0	9.6	-5.6	-0.6	496.3	333.4	0.9	99.9	27.3	98.0	..
87.3	168.7	25061.4	25.0	-88.5	-44.9	332.1	1.4	0.6	-1.2	645.5	333.4	0.9	99.9	27.3	100.0	..

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

STATION NO. 235 JACKSON, MISS														161 12.1			
7 MAY 1975 1115 GMT																	
ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES																	
TIME MIN	CNTCT	HEIGHT GFM	PHES MB	TEMP DG C	DEW PT DG C	DIR UG	SPEED M/SFC	U COMP M/SEC	CCMP M/SEC	POT T DG K	R POT T DG K	MX RTD GM/EC	RM PCT	RANGE KM	AZ DG		
0.0	4.9	100.0	99R.5	22.4	22.4	170.0	4.2	-0.7	4.1	258.5	344.9	17.8	100.0	0.0	0		
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
1.7	6.9	307.7	975.0	21.4	20.5	274.3	4.3	1.8	3.9	258.8	340.1	18.8	94.6	0.8	360		
1.5	3.6	533.7	950.0	20.4	19.8	186.7	11.1	1.7	11.0	300.4	341.4	18.5	94.1	0.9	40		
2.3	10.5	765.2	925.0	20.1	17.0	189.2	11.2	1.6	11.1	301.7	337.4	13.4	82.4	1.5	40		
3.1	12.6	1001.8	900.0	19.1	12.8	180.1	10.1	0.3	10.1	304.6	331.3	10.5	66.6	2.0	0		
3.9	14.7	1244.4	875.0	19.0	12.2	176.7	8.3	-0.5	8.3	304.6	333.1	10.3	64.4	2.4	40		
4.8	16.7	1493.5	850.0	17.6	10.5	161.7	5.7	1.2	5.6	305.8	332.0	9.4	63.2	2.8	40		
5.6	18.9	1748.2	825.0	15.4	9.1	216.6	5.1	3.0	4.1	306.0	330.6	8.8	60.1	3.7	80		
6.4	21.0	2005.8	800.0	17.7	6.2	262.8	8.4	9.6	1.1	311.3	332.4	7.5	46.8	3.2	100		
7.2	23.1	2283.5	775.0	16.0	-4.3	263.4	11.5	11.4	1.3	311.5	322.5	3.7	24.9	3.4	180		
8.2	25.6	2557.3	750.0	12.9	-8.9	265.9	17.5	13.4	1.0	310.9	318.9	4.6	21.0	3.8	300		
9.3	27.9	2841.6	725.0	11.1	-11.4	264.0	13.5	13.4	1.4	311.9	318.6	2.2	19.3	4.3	360		
10.2	30.4	3131.8	700.0	8.3	-11.4	260.5	13.2	13.0	2.2	311.9	314.0	2.3	23.5	4.9	400		
11.3	33.0	3430.5	675.0	5.8	-12.8	251.9	13.1	12.4	4.1	312.3	316.9	2.1	24.8	5.6	400		
12.3	35.5	3737.8	650.0	2.8	-11.4	244.6	13.9	12.6	6.0	312.4	320.0	2.5	34.3	6.4	520		
13.8	38.1	4033.2	625.0	-0.7	-7.9	247.0	14.1	13.0	5.5	312.1	322.3	3.4	57.9	7.6	540		
15.0	40.7	4378.4	600.0	-3.2	-6.4	241.1	14.5	13.7	4.7	312.0	324.7	3.9	78.5	8.7	560		
16.4	43.4	4715.0	575.0	-4.3	-6.4	235.6	15.1	15.1	1.2	315.4	327.8	4.1	85.4	9.8	580		
17.6	46.3	5064.4	550.0	-6.6	-8.8	274.7	14.8	14.8	-1.2	316.6	327.6	3.6	84.2	10.8	620		
19.0	49.3	5426.7	525.0	-9.0	-11.6	273.2	14.3	14.3	-0.8	317.9	327.2	3.0	81.8	11.8	650		
20.4	52.1	5802.1	500.0	-11.3	-12.7	260.7	14.3	14.1	2.3	319.6	328.6	2.9	86.6	12.9	670		
21.7	55.2	6195.4	475.0	-13.8	-15.3	248.1	14.6	13.6	5.5	321.1	328.9	2.4	88.6	14.0	680		
23.1	58.3	6604.3	450.0	-16.8	-18.3	241.4	15.0	13.3	7.1	322.3	328.6	2.0	88.3	15.3	670		
24.6	61.7	7031.3	425.0	-20.0	-21.5	241.7	15.9	14.0	7.5	323.5	328.8	1.6	87.3	16.6	670		
26.2	65.2	7478.4	400.0	-23.1	-25.0	242.4	18.0	16.0	8.4	325.1	329.3	1.2	84.2	18.3	660		
28.3	68.7	7950.1	375.0	-24.9	-26.8	268.4	20.6	20.6	0.6	326.8	332.5	0.9	79.6	23.5	670		
31.4	72.3	8448.0	350.0	-28.9	-31.3	277.3	25.5	25.3	-3.2	329.8	332.5	0.9	79.6	23.5	670		
32.4	76.3	8971.3	325.0	-33.4	-36.3	279.7	28.3	27.9	-4.8	330.6	332.5	0.5	75.0	26.0	740		
34.4	80.4	9530.3	300.0	-37.9	-41.1	275.5	33.3	32.6	-5.5	331.9	333.2	0.3	71.8	29.4	770		
36.4	84.8	10123.2	275.0	-43.3	-47.7	276.7	35.9	35.7	-4.3	332.5	333.2	0.3	69.9	33.6	800		
38.3	89.2	10758.6	250.0	-47.7	-50.9	276.3	32.0	31.8	-3.5	335.2	333.2	0.3	69.9	37.1	810		
40.6	94.4	11446.3	225.0	-53.2	-54.9	268.5	36.6	36.6	0.9	337.0	333.2	0.3	69.9	41.3	830		
42.7	99.5	12155.7	200.0	-58.6	-59.9	265.8	49.0	44.9	3.6	339.9	333.2	0.3	69.9	46.6	830		
44.9	105.5	13025.3	175.0	-63.6	-64.9	271.0	40.2	40.2	-0.7	344.9	333.2	0.3	69.9	53.8	840		
47.9	112.0	13960.1	150.0	-66.6	-66.6	276.4	42.4	42.2	-4.9	345.4	333.2	0.3	69.9	60.1	850		
52.1	119.3	15060.4	125.0	-67.4	-67.4	281.3	40.9	40.1	-6.1	372.8	333.2	0.3	69.9	72.0	870		
56.7	128.0	16427.7	100.0	-66.6	-66.6	308.3	18.7	14.7	-11.6	366.1	333.2	0.3	69.9	79.1	880		
63.0	137.3	18144.0	75.0	-68.9	-68.9	357.7	9.2	0.4	-9.2	428.5	333.2	0.3	69.9	82.0	920		
72.0	147.5	20610.3	50.0	-62.1	-62.1	99.9	11.5	-10.9	-3.7	497.1	333.2	0.3	69.9	80.3	930		
85.9	158.5	25020.6	25.0	-51.6	-51.6	117.2	2.8	-2.5	1.3	636.4	333.2	0.3	69.9	76.3	940		

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240  
 LAKE CHARLES, LA

 7 MAY 1975  
 1115 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT CG C	DIR CG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.0	5.0	1006.9	25.0	23.8	170.0	6.2	-1.1	6.1	300.1	340.3	18.2	93.0	0.0	0
0.3	4.6	65.8	1007.0	24.5	24.0	170.0	6.2	-0.4	6.2	300.2	340.4	19.2	93.0	0.1	356
0.9	6.5	208.3	975.0	22.8	22.7	166.7	9.7	1.1	9.6	300.8	348.0	18.1	99.8	0.5	358
1.6	8.7	415.5	950.0	22.2	21.3	196.2	8.8	2.5	8.5	302.0	347.1	17.0	94.7	0.8	5
2.5	10.9	747.8	925.0	20.5	19.6	201.8	7.9	2.9	7.3	302.4	344.3	15.7	94.3	1.2	10
3.2	13.0	944.5	900.0	18.2	18.2	205.0	8.0	3.8	6.1	302.3	341.7	14.8	99.6	1.6	13
4.0	15.3	1226.6	875.0	17.0	17.0	206.5	9.5	4.6	6.4	303.4	341.4	14.2	101.5	2.0	16
4.7	17.5	1474.3	850.0	15.7	9.9	206.5	14.5	6.5	12.9	303.8	326.9	9.1	68.9	2.5	18
5.7	19.9	1727.8	825.0	15.4	8.8	202.5	15.5	7.3	14.3	306.0	330.2	6.7	65.0	3.4	20
6.5	22.1	1999.8	800.0	15.3	12.4	207.5	15.7	7.2	13.9	306.2	341.0	11.4	82.2	4.2	21
7.3	24.6	2259.2	775.0	13.5	12.4	211.5	16.9	8.8	14.4	309.9	342.8	11.8	93.3	4.9	22
8.1	27.0	2535.2	750.0	11.5	10.0	216.3	17.4	10.3	14.0	310.4	339.5	10.3	90.2	5.7	24
9.0	29.5	2819.2	725.0	10.9	1.0	225.5	18.1	12.9	12.7	312.2	329.0	9.7	90.7	6.7	26
10.0	32.1	3111.4	700.0	8.9	1.9	232.9	18.7	14.9	11.3	313.2	331.0	8.4	62.1	7.7	29
11.0	34.9	3412.0	675.0	7.9	-13.5	239.7	17.4	15.0	8.8	314.7	321.0	2.0	20.8	8.7	32
12.9	40.3	4040.7	625.0	3.2	-28.4	252.7	18.0	17.9	5.6	315.4	317.3	0.6	6.5	9.5	34
14.1	43.0	4360.6	600.0	0.9	-43.4	261.6	22.1	21.6	3.3	316.1	316.6	0.1	1.7	10.5	40
15.3	46.3	4709.5	575.0	-1.9	-29.5	264.0	24.8	24.7	2.6	317.2	319.1	0.5	0.1	11.7	46
16.4	49.1	5060.8	550.0	-4.9	-30.0	257.1	27.8	27.1	0.2	317.7	319.6	0.5	0.5	13.3	51
17.7	52.1	5424.9	525.0	-7.3	-26.5	258.8	22.9	22.5	4.5	316.3	321.0	0.8	10.4	14.0	54
19.0	55.3	5803.1	500.0	-10.0	-54.6	258.0	18.3	17.5	3.8	319.5	319.7	0.0	1.0	16.4	58
20.3	58.6	6156.6	475.0	-12.7	-56.2	253.3	17.2	16.4	3.1	320.8	321.0	0.0	1.0	17.6	57
21.9	62.1	6674.8	450.0	-15.2	-57.9	247.7	18.1	16.8	6.9	322.2	322.4	0.0	1.0	19.0	58
23.3	65.7	7037.0	425.0	-17.8	-61.3	255.4	15.6	15.1	3.9	324.1	324.2	0.0	1.0	20.5	59
24.9	69.4	7487.0	400.0	-21.8	-47.5	258.8	16.0	15.0	3.1	326.0	326.1	0.0	1.0	22.0	60
26.5	73.2	7959.4	375.0	-25.7	-36.6	255.9	17.7	17.1	4.3	327.5	329.1	0.4	35.2	23.4	61
28.2	77.3	8454.6	350.0	-30.2	-38.8	261.2	16.8	16.6	2.6	328.0	329.4	0.4	42.4	24.9	62
30.0	81.5	8978.0	325.0	-34.1	-38.3	259.1	21.0	20.6	4.3	329.6	331.2	0.4	42.4	26.7	63
31.9	86.0	9532.7	300.0	-39.0	-38.3	258.0	25.3	24.7	5.3	330.5	331.2	0.4	42.4	28.5	64
33.9	90.8	10123.4	275.0	-44.0	99.9	256.5	29.8	28.9	7.0	331.5	331.5	0.0	99.9	31.2	66
36.3	95.9	10754.8	250.0	-49.6	99.9	254.1	29.2	28.1	8.0	332.3	332.3	0.0	99.9	34.6	67
38.9	101.3	11437.8	225.0	-53.5	99.9	250.3	30.6	30.1	5.7	336.5	336.5	0.0	99.9	38.8	68
41.8	107.5	12187.4	200.0	-57.3	99.9	260.7	35.3	34.9	8.7	342.0	342.0	0.0	99.9	43.5	69
45.0	114.0	13029.2	175.0	-58.2	99.9	267.5	40.3	39.4	8.7	353.9	353.9	0.0	99.9	48.8	70
48.5	121.0	13954.2	150.0	-61.8	99.9	264.2	30.3	30.1	3.0	363.7	363.7	0.0	99.9	55.7	71
52.9	129.0	15115.7	125.0	-64.2	99.9	263.3	20.8	20.3	-4.8	378.7	378.7	0.0	99.9	63.4	72
57.5	137.3	16456.6	100.0	-72.8	99.9	275.6	18.4	18.3	-1.8	387.1	387.1	0.0	99.9	72.1	74
63.3	146.0	18143.9	75.0	-72.9	99.9	220.5	1.5	1.0	1.2	420.4	420.4	0.0	99.9	78.7	76
70.9	155.0	20587.8	50.0	-63.3	99.9	152.6	4.1	-1.4	3.7	444.4	444.4	0.0	99.9	79.3	77
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 249  
SHREVEPORT, LA

7 MAY 1975  
1115 G-T

189 23. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DG C	DELW PT	DIR DG	SPEED M/S-C	U COMP M/SEC	V CCNP M/SEC	POT T DG K	E PUT T DG K	MX RTO GP/KG	RM PCT	RANGE KM	AZ DG
0.0	4.8	79.0	997.6	22.8	21.6	180.0	3.2	0.0	3.2	298.4	341.6	16.6	93.7	0.7	0
09.9	49.2	99.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.7	6.4	293.0	975.0	22.9	22.9	238.7	2.4	2.1	1.3	301.5	346.4	17.5	95.7	6.3	11
1.5	8.4	507.2	950.0	21.9	21.2	229.1	7.5	5.6	5.0	301.7	346.6	16.9	98.6	7.5	26
2.2	10.1	739.5	925.0	21.8	20.7	237.0	9.3	7.8	5.3	372.7	345.6	16.1	95.2	0.9	37
3.1	12.3	976.9	940.0	19.0	18.1	247.7	8.2	7.6	3.2	303.0	342.4	14.7	94.5	1.3	46
4.7	14.4	1219.3	875.0	17.2	16.4	245.5	8.4	7.7	3.5	303.5	342.0	13.6	94.7	1.7	51
5.9	16.4	1467.4	850.0	16.5	15.5	241.7	7.9	7.0	3.8	305.2	341.2	13.3	94.6	2.2	54
6.7	22.7	1682.3	800.0	13.4	12.4	239.3	10.5	9.0	5.4	307.0	339.5	11.5	93.9	3.2	58
7.8	22.4	2290.1	775.0	12.9	10.6	237.3	11.8	9.9	6.4	309.4	338.2	10.8	94.3	3.9	58
8.7	25.2	2526.0	750.0	1.3	8.9	235.9	12.5	10.1	7.4	310.2	337.2	9.6	84.7	4.5	56
9.5	27.4	2819.1	725.0	9.2	7.4	236.7	13.3	11.1	7.3	310.8	336.3	9.0	88.5	5.2	55
10.5	28.6	3196.8	700.0	7.6	4.2	241.2	15.5	13.6	7.5	311.9	333.4	7.5	79.3	6.1	56
11.5	32.2	3355.7	675.0	6.4	-0.6	235.0	16.1	13.8	8.3	313.6	329.6	5.5	60.8	7.1	57
12.4	34.7	3738.2	650.0	3.7	-6.8	235.4	16.7	13.7	9.5	313.6	324.5	3.6	46.6	7.9	57
13.5	37.1	4026.2	625.0	3.9	-17.5	237.5	17.2	14.5	9.3	316.9	317.2	0.1	1.0	9.0	57
14.6	39.8	4356.6	600.0	2.1	-48.7	237.7	20.5	17.3	11.0	318.8	318.8	0.1	1.0	10.3	57
15.7	42.3	4696.5	575.0	-0.1	-50.0	237.2	19.4	16.3	10.8	319.9	320.1	0.1	1.0	11.6	57
17.0	45.2	5052.0	550.0	-3.3	-52.0	239.0	20.4	17.5	10.5	320.2	320.4	0.1	1.0	13.1	57
18.2	48.1	5417.5	525.0	-6.4	-54.0	240.1	21.3	18.4	10.6	320.6	320.9	0.0	1.0	14.6	57
19.4	50.9	5756.5	500.0	-9.7	-56.0	240.6	22.9	20.7	9.8	321.2	321.3	0.0	1.0	16.2	58
20.6	54.0	6197.4	475.0	-12.0	-57.5	243.6	22.4	20.4	9.3	323.1	323.2	0.0	1.0	17.9	58
21.9	57.3	6632.2	450.0	-14.4	-59.0	246.4	20.0	18.3	8.0	325.1	325.2	0.0	1.0	19.5	59
23.1	60.4	7032.9	425.0	-17.8	-61.3	250.5	19.3	18.2	6.4	326.0	326.1	0.0	1.0	20.9	59
24.5	63.9	7422.5	400.0	-21.9	-63.9	253.1	19.9	19.0	6.1	326.3	326.5	0.0	1.0	22.4	60
25.8	67.3	7853.6	375.0	-25.8	-66.4	254.8	21.0	20.2	5.5	327.3	327.4	0.0	1.0	24.0	61
27.3	71.9	8448.6	350.0	-30.4	-68.7	260.4	21.8	21.5	3.6	327.6	327.7	0.0	1.0	25.9	61
28.8	74.8	8971.1	325.0	-34.5	-73.4	262.6	26.9	26.6	3.5	329.1	329.4	0.0	12.6	27.9	61
30.5	79.2	9525.6	300.0	-39.0	-79.9	255.5	31.9	30.6	3.0	330.4	330.9	99.9	99.9	30.7	65
32.5	83.4	10116.1	275.0	-44.0	-84.0	257.7	31.6	30.6	7.8	331.5	331.5	99.9	99.9	34.6	66
34.5	87.8	10752.5	250.0	-48.6	-89.0	269.9	27.7	27.7	6.0	336.8	336.8	99.9	99.9	38.6	68
37.0	93.0	11433.0	225.0	-51.7	-99.9	279.1	22.6	22.3	-3.6	339.3	339.3	99.9	99.9	42.1	70
39.1	98.4	12197.6	200.0	-57.8	-99.9	284.7	20.9	20.3	-5.3	341.3	341.3	99.9	99.9	43.9	72
41.7	104.3	13032.5	175.0	-61.4	-99.9	285.9	28.2	28.2	0.0	348.5	348.5	99.9	99.9	47.4	74
44.4	111.7	13950.6	150.0	-65.0	-99.9	288.6	27.4	27.4	5.1	359.1	359.1	99.9	99.9	52.1	75
47.8	118.7	15085.2	125.0	-67.3	-99.9	290.8	36.7	36.0	7.2	373.2	373.2	99.9	99.9	59.1	78
52.4	127.7	16377.6	100.0	-66.6	-99.9	286.2	27.5	27.1	4.7	399.1	399.1	99.9	99.9	68.8	75
57.4	136.0	18154.7	75.0	-69.7	-99.9	310.3	3.0	2.2	-2.1	426.8	426.8	99.9	99.9	72.3	76
66.3	146.0	21627.9	50.0	-58.5	-99.9	35.5	7.0	-8.0	-0.1	505.7	505.7	99.9	99.9	70.1	78
78.1	160.0	25048.0	25.0	-49.1	-99.9	122.5	3.2	-2.7	1.7	643.5	643.5	99.9	99.9	68.9	78

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE CR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 250  
BURNSVILLE, TEN

7 MAY 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

164 18. 1

TIME MIN	CHYCT	MPHGT GPM	PFES MB	TEMP DEG C	DEW PT DEG C	DIR CG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX ATO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.7	7.0	1003.6	24.4	22.7	360.0	0.7	0.0	0.0	299.6	345.6	17.6	90.0	0.0	0
0.1	5.0	38.6	1000.0	24.3	23.3	219.9	17.9	11.5	13.7	299.6	347.6	17.6	90.3	0.8	200
0.7	6.9	261.5	975.0	23.6	23.4	216.0	15.4	9.1	12.4	301.5	351.4	19.0	90.1	0.3	280
1.4	9.1	483.4	950.0	23.5	22.1	177.7	7.3	-0.3	7.3	302.3	349.8	18.5	90.8	0.5	342
2.3	11.2	722.0	925.0	23.5	20.3	157.4	6.0	-2.3	5.4	302.3	346.3	16.5	90.5	0.9	343
3.1	13.5	960.0	900.0	22.0	14.2	134.5	4.8	-3.2	3.6	305.8	337.6	11.7	90.5	1.1	347
3.9	15.6	1206.4	875.0	24.5	4.6	149.2	4.2	-2.1	3.6	310.1	327.8	6.1	27.8	1.3	316
4.7	17.9	1450.7	850.0	24.1	2.4	164.7	6.2	0.5	6.2	312.1	327.8	5.4	26.3	1.5	316
5.5	20.2	1716.7	825.0	22.2	-6.9	199.9	6.5	2.2	6.4	312.6	324.9	4.2	20.4	1.8	344
6.4	22.3	1985.2	800.0	20.4	-37.5	208.9	7.3	3.5	6.4	312.9	313.5	0.2	1.0	2.1	350
7.2	25.0	2277.7	775.0	18.6	-0.7	217.8	8.3	5.1	6.6	314.5	328.5	4.7	2.2	2.4	350
8.1	27.3	2537.8	750.0	16.7	-9.1	217.6	9.5	5.8	7.6	315.8	322.9	3.9	15.9	2.7	4
9.1	29.4	2825.2	725.0	14.4	-4.2	206.7	10.2	4.6	9.1	315.8	327.6	3.0	27.5	3.3	9
10.0	32.5	3120.5	700.0	12.1	-2.0	200.4	10.1	3.5	9.4	316.7	335.7	4.7	37.4	3.8	11
11.1	35.2	3423.8	675.0	9.5	-0.6	208.1	11.2	5.3	9.9	317.3	333.3	5.5	45.2	4.5	12
12.2	37.8	3735.6	650.0	7.5	-8.8	220.2	13.7	8.9	10.5	317.9	327.2	5.3	53.2	5.3	16
13.2	40.5	4057.3	625.0	4.9	-8.1	226.0	14.0	10.0	10.7	318.3	326.6	3.3	78.1	6.1	20
14.4	43.2	4386.7	600.0	2.2	-9.7	231.9	14.3	8.2	9.1	319.0	328.6	3.1	40.9	6.9	23
15.4	46.2	4730.9	575.0	-0.6	-10.3	217.7	10.3	6.3	6.1	319.6	329.1	3.0	47.8	7.6	24
16.6	49.3	5063.9	550.0	-4.2	-11.0	218.2	9.3	5.7	7.3	319.5	328.9	3.0	59.1	8.2	25
17.7	52.1	5409.0	525.0	-7.5	-13.3	213.0	10.4	6.8	7.9	319.6	327.9	2.6	63.4	8.9	26
19.0	55.3	5827.3	500.0	-10.4	-18.3	231.4	12.9	10.1	6.1	320.5	326.4	1.8	51.9	9.7	28
20.1	58.5	6220.5	475.0	-12.6	-28.2	237.8	14.6	13.0	6.7	322.4	325.1	0.8	26.0	10.6	31
21.5	62.0	6631.3	450.0	-14.8	-59.3	249.2	13.3	12.5	4.7	324.6	324.7	0.0	1.0	11.5	34
22.9	65.4	7062.1	425.0	-17.3	-60.9	250.6	13.5	12.8	4.5	326.7	326.8	0.0	1.0	12.4	37
24.4	69.0	7513.1	400.0	-20.5	-58.2	248.3	10.9	15.7	6.3	328.3	328.4	0.0	1.9	13.5	40
26.0	72.7	7987.9	375.0	-24.1	-59.2	241.5	20.5	18.0	9.8	329.7	328.8	0.0	2.3	15.2	43
27.6	76.8	8487.3	350.0	-28.0	-40.7	240.6	24.3	21.2	11.9	330.9	332.1	0.3	28.4	17.3	45
29.3	80.6	9014.3	325.0	-32.5	-37.7	242.0	25.6	22.5	11.9	331.8	333.5	0.4	59.3	19.8	47
31.3	85.0	9573.2	300.0	-36.8	-41.7	242.0	14.7	22.9	12.2	333.4	334.6	0.3	61.2	22.8	49
33.2	89.3	11149.0	275.0	-42.1	96.9	247.7	9	27.8	13.7	334.3	993.9	90.9	990.9	25.9	51
35.4	94.4	12607.0	250.0	-47.0	99.9	245.5	9	30.0	13.6	336.2	990.9	90.9	990.9	31.0	53
37.9	99.4	14194.7	225.0	-53.1	99.7	249.2	36.6	32.3	12.3	337.1	990.9	90.9	990.9	34.9	55
40.4	105.0	15247.4	200.0	-54.9	99.6	236.4	32.1	33.6	19.9	345.9	990.9	90.9	990.9	40.4	60
43.3	111.3	16192.0	175.0	-55.5	99.9	242.7	40.6	36.0	18.6	351.7	990.9	90.9	990.9	46.9	57
46.8	118.3	16466.6	150.0	-64.7	99.9	231.2	41.3	39.1	13.3	358.6	990.9	90.9	990.9	55.7	58
50.5	125.5	15155.7	125.0	-67.3	99.9	257.1	22.2	21.6	5.0	373.2	990.9	90.9	990.9	62.2	61
54.9	134.2	14044.7	100.0	-73.1	99.9	222.0	19.6	13.3	14.4	380.4	990.9	90.9	990.9	66.9	60
60.3	143.0	18145.8	75.0	-76.4	99.9	215.5	9.3	5.4	7.6	412.8	990.9	90.9	990.9	70.3	56
68.7	153.5	21605.2	50.0	-79.8	99.0	80.2	2.5	-2.5	-0.2	502.5	990.9	90.9	990.9	67.4	58
80.7	164.0	25045.2	25.0	-51.3	96.9	104.6	1.5	-1.6	0.4	637.0	990.9	90.9	990.9	65.5	58

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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OF POOR QUALITY

STATION NO. 255 VICTORIA, TEX														168 20. C			
7 MAY 1975 1115 GMT																	
TIME MIN	CNTCT	HEIGHT CFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG		
0.0	5.3	33.0	1021.5	24.7	24.3	140.3	1.5	-1.0	1.1	30.2	351.1	19.5	98.0	0.0	0.0		
0.7	5.4	46.3	1006.0	24.5	24.2	95.9	50.0	99.5	99.4	30.3	351.1	19.4	98.3	999.9	999.9		
0.8	7.4	260.1	975.0	23.3	23.3	99.9	99.9	99.9	99.9	30.1	353.5	18.8	100.9	999.9	999.9		
1.6	5.6	496.9	956.0	22.6	22.4	99.9	99.9	99.9	99.9	30.2	353.4	18.2	98.9	999.9	999.9		
2.4	11.6	730.0	925.0	21.4	20.8	146.1	4.6	-2.0	3.4	30.5	348.7	17.0	96.2	0.8	34.0		
3.3	12.9	547.9	903.0	21.6	13.5	147.2	2.9	-1.6	2.5	30.5	335.3	11.0	96.7	0.8	33.0		
4.1	16.7	1212.9	875.0	22.5	4.3	121.3	2.4	-2.3	1.2	30.7	324.7	9.9	96.0	0.9	33.0		
5.7	18.4	1464.7	856.0	23.0	-35.9	133.5	2.5	-1.8	1.7	31.0	311.0	0.2	1.0	1.7	32.0		
5.9	20.6	1723.4	825.0	21.9	-36.6	51.5	0.7	-0.5	-0.4	31.8	312.5	0.2	1.0	1.1	32.0		
6.9	23.1	1968.1	802.0	19.6	-37.9	32.0	3.2	1.8	-2.6	31.2	312.7	0.2	1.0	1.0	32.0		
7.5	25.4	2260.1	775.0	18.2	-36.8	290.8	5.4	5.0	-1.9	31.3	314.0	0.2	1.0	0.7	32.0		
8.8	27.4	2538.8	756.0	15.9	-33.6	205.8	7.5	7.5	0.5	31.3	314.9	0.3	2.1	0.6	6.0		
9.7	30.3	2824.6	725.0	13.3	-32.5	247.6	8.6	8.0	3.3	31.4	315.3	0.3	2.6	1.9	36.0		
10.7	32.3	3119.2	700.0	11.5	-32.3	247.9	8.4	7.8	3.2	31.5	316.5	0.3	2.8	1.3	45.0		
11.7	35.5	3420.2	675.0	8.6	-33.9	256.1	7.9	7.7	1.9	31.5	316.4	0.3	3.1	1.8	53.0		
12.7	38.2	3730.2	650.0	5.9	-30.2	249.4	8.7	8.1	3.1	31.5	317.3	0.5	5.3	2.2	58.0		
13.6	40.9	4046.6	625.0	3.5	-27.7	237.4	10.3	8.7	5.6	31.6	318.7	0.6	8.0	2.8	59.0		
14.6	43.5	4372.7	600.0	0.6	-12.7	230.5	12.0	9.3	7.6	31.7	325.3	2.7	40.3	3.4	58.0		
15.7	46.9	4718.9	575.0	-2.2	-5.3	231.2	14.1	11.0	8.9	31.8	331.6	4.5	79.1	4.3	56.0		
16.9	49.9	5070.6	550.0	-5.2	-7.6	229.2	15.4	11.7	10.1	31.8	337.4	3.9	83.1	5.3	55.0		
17.9	52.4	5434.8	525.0	-8.0	-9.9	232.0	16.3	12.9	10.1	31.9	329.8	3.4	86.2	6.3	54.0		
19.1	55.8	5812.2	500.0	-11.2	-12.2	229.9	20.7	15.8	13.3	31.9	329.1	3.0	92.0	7.6	54.0		
20.4	58.1	6203.4	475.0	-15.1	-14.8	228.9	21.9	16.5	14.4	31.9	325.4	1.8	73.0	6.2	53.0		
21.6	62.7	6617.1	450.0	-17.8	-14.2	231.9	21.7	17.0	13.4	32.0	322.9	0.6	28.1	10.9	52.0		
22.9	66.1	7036.6	425.0	-19.4	-14.2	240.1	21.7	18.4	10.4	32.0	324.2	0.0	1.0	12.5	53.0		
24.2	69.8	7484.1	400.0	-22.8	-14.5	246.1	20.4	14.6	8.2	32.5	325.3	0.0	1.0	14.2	54.0		
25.8	73.4	7954.8	375.0	-25.8	-14.7	247.6	23.5	21.7	8.9	32.7	327.4	0.1	10.4	16.2	56.0		
27.3	77.5	8449.5	350.0	-30.8	-14.3	252.5	26.1	24.9	7.8	32.7	328.1	0.3	33.7	18.3	57.0		
29.1	81.6	8971.7	325.0	-34.6	-14.4	249.3	31.0	29.3	11.3	32.8	330.1	0.3	55.3	21.3	58.0		
31.1	85.9	9525.7	300.0	-38.9	-14.3	246.1	35.1	32.0	13.1	33.0	331.6	0.3	69.5	25.1	61.0		
33.3	90.6	10115.9	275.0	-44.2	90.9	247.9	35.9	32.9	14.3	33.1	331.2	99.9	99.9	29.9	62.0		
35.8	95.3	10748.1	250.0	-49.0	90.9	250.3	41.2	34.8	15.2	33.3	331.2	99.9	99.9	34.8	63.0		
38.4	100.3	11434.0	225.0	-53.3	90.9	250.3	45.5	41.9	17.8	33.4	332.7	99.9	99.9	42.1	64.0		
41.4	106.5	12195.6	200.0	-56.9	90.9	247.0	40.5	40.5	17.0	33.5	335.1	99.9	99.9	49.7	65.0		
44.9	112.8	13075.4	175.0	-57.5	90.9	246.0	37.2	35.5	16.5	33.5	335.1	99.9	99.9	57.2	65.0		
47.5	119.7	13996.5	150.0	-61.3	90.9	252.7	37.2	35.5	11.1	34.6	335.1	99.9	99.9	67.2	65.0		
52.8	127.3	15124.9	125.0	-62.6	90.9	246.8	19.9	18.3	7.9	34.7	341.7	99.9	99.9	76.2	66.0		
57.9	136.7	16475.6	100.0	-70.1	90.9	225.4	18.9	13.5	13.3	35.2	352.4	99.9	99.9	82.2	65.0		
64.1	145.2	18157.3	75.0	-74.6	90.9	205.5	7.1	3.0	6.4	41.6	416.4	99.9	99.9	85.8	65.0		
73.1	155.5	20600.9	50.0	-61.4	90.9	25.9	3.7	-3.7	-0.3	49.8	498.8	99.9	99.9	84.0	64.0		
87.6	167.0	25022.0	25.0	-50.6	90.9	42.3	9.4	-6.3	-6.9	639.1	639.1	99.9	99.9	82.1	63.0		

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260  
STEPHENVILLE, TEX

7 MAY 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

158 20. 1

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP OC	DEW PT OC	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMF M/SEC	PUT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.2	5.6	199.0	961.0	12.7	10.8	165.0	1.5	0.1	1.5	293.2	312.3	8.5	88.0	0.3	0
0.9	55.9	59.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	10.5	498.4	950.0	20.7	15.3	5.0	4.4	0.4	4.4	294.7	337.8	11.7	72.1	0.3	5
1.2	12.7	729.8	925.0	21.4	13.7	999.9	99.9	99.9	99.9	302.7	331.8	10.7	41.5	999.9	99.9
2.7	12.3	567.1	900.0	21.1	10.5	999.9	99.9	99.9	99.9	304.5	329.2	8.9	50.7	999.9	99.9
2.7	17.1	1213.3	875.0	20.0	-3.8	999.9	99.9	99.9	99.9	305.0	314.6	3.3	19.7	999.9	99.9
3.6	19.5	1459.1	850.0	19.5	-5.0	999.9	99.9	99.9	99.9	305.9	315.1	3.1	19.8	999.9	99.9
4.4	21.7	1713.7	825.0	16.5	-6.5	999.9	99.9	99.9	99.9	306.5	314.0	2.8	19.5	999.9	99.9
5.4	24.2	1974.4	800.0	14.6	-8.1	999.9	99.9	99.9	99.9	307.0	314.0	2.7	20.1	999.9	99.9
6.2	26.5	2241.4	775.0	12.4	-9.2	999.9	99.9	99.9	99.9	307.5	314.0	2.5	21.1	999.9	99.9
7.1	29.3	2515.3	750.0	11.2	-8.6	262.7	7.8	7.7	1.0	308.1	317.1	2.7	24.0	1.1	114
8.1	31.7	2767.5	725.0	9.3	-9.2	239.6	9.4	8.1	6.8	310.0	317.9	2.6	26.0	1.5	98
9.2	34.3	3087.2	700.0	7.2	-9.7	234.3	11.6	9.5	9.5	310.8	318.7	2.6	28.0	1.9	87
10.7	36.9	3385.0	675.0	5.1	-10.7	234.7	14.5	11.6	8.4	311.6	319.3	2.5	30.9	2.4	78
11.7	39.4	3691.8	650.0	2.8	-11.8	237.4	17.1	14.4	9.2	312.4	319.7	2.4	33.2	3.5	72
12.0	42.3	4007.8	625.0	0.3	-13.8	240.2	19.2	15.8	9.1	313.1	319.6	2.1	35.6	4.6	69
13.1	45.3	4323.3	600.0	-2.6	-15.1	243.0	18.4	14.4	8.3	313.3	319.5	2.0	37.5	5.8	67
14.3	48.3	4669.3	575.0	-5.5	-17.4	244.6	17.5	15.8	7.5	313.7	319.3	1.6	39.2	7.1	67
15.4	51.1	5016.1	550.0	-8.3	-21.6	249.1	17.6	15.1	9.0	314.3	319.3	1.2	41.4	8.3	66
16.6	54.3	5375.6	525.0	-10.3	-29.1	250.2	19.3	14.9	12.4	316.1	318.5	0.6	43.5	9.5	63
17.8	57.3	5745.2	500.0	-13.5	-30.9	250.2	20.6	15.8	13.2	316.6	318.5	0.6	45.5	10.9	63
19.1	60.6	6137.5	475.0	-16.2	-34.7	253.0	25.5	20.3	15.3	318.0	319.4	0.4	48.4	12.6	61
20.4	64.0	6542.7	450.0	-18.4	-37.3	251.6	28.7	22.5	17.8	320.1	321.3	0.3	50.3	14.8	60
21.8	67.4	6967.2	425.0	-20.5	-43.0	254.2	29.9	23.4	16.9	322.6	323.4	0.2	52.2	16.9	58
23.3	70.3	7413.3	400.0	-23.8	-49.3	256.4	31.8	24.5	17.6	324.3	324.7	0.2	54.2	19.9	58
24.9	74.7	7880.9	375.0	-27.5	-46.4	257.4	34.5	27.1	16.6	325.1	325.7	0.2	56.2	23.0	58
26.4	78.4	8373.6	350.0	-31.3	-49.3	241.3	39.5	33.8	16.5	326.5	326.9	0.1	58.2	26.9	58
28.5	82.8	8853.3	325.0	-36.0	-51.8	240.1	38.0	31.0	19.0	327.0	327.4	0.1	60.2	31.1	59
31.5	87.3	9444.1	300.0	-40.6	-54.9	237.4	37.9	32.0	20.4	328.2	328.4	99.9	62.2	35.9	59
32.8	91.5	10031.7	275.0	-44.4	-58.9	237.6	44.5	37.9	24.0	330.9	329.4	99.9	64.2	41.5	59
35.1	96.2	10664.3	250.0	-48.7	-59.9	243.0	45.6	40.6	20.7	333.7	329.9	99.9	65.5	47.1	59
37.9	101.2	11351.0	225.0	-52.6	-59.9	244.9	48.1	43.6	20.4	338.0	329.9	99.9	66.8	55.6	60
40.7	106.8	12105.2	200.0	-56.1	-59.9	243.8	48.0	41.0	21.2	343.9	329.4	99.9	68.1	63.9	60
44.1	112.8	12955.1	175.0	-56.9	-59.9	250.7	38.6	36.3	13.2	350.1	329.4	99.9	69.4	72.4	61
47.6	119.3	13927.5	150.0	-58.1	-59.9	245.0	40.8	42.4	19.7	359.9	329.4	99.9	70.7	82.4	62
51.7	126.3	15075.7	125.0	-57.4	-59.9	239.9	37.0	32.0	18.5	361.1	329.4	99.9	72.0	92.1	62
56.8	134.7	16461.7	100.0	-63.2	-59.9	245.7	21.9	19.9	9.0	405.6	329.4	99.9	73.3	102.9	62
62.5	142.7	18158.8	75.0	-69.8	-59.9	224.1	4.4	3.0	3.1	426.6	329.4	99.9	74.6	117.0	62
70.4	151.7	21670.2	50.0	-60.7	-59.9	136.9	4.6	-3.2	3.4	503.5	329.4	99.9	75.9	134.5	61
83.5	161.3	25110.7	25.0	-49.7	-59.9	99.9	99.9	99.9	99.9	642.3	329.4	99.9	77.2	159.9	60

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG



STATION NO. 241  
DEL RIO, TX

7 MAY 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	WEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	OUT T DG K	E PCT T DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	8.6	314.0	609.5	22.6	19.8	80.8	2.6	-2.6	-0.5	307.4	340.5	15.2	84.0	0.0	0.0
0.1	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	10.4	451.6	950.0	21.8	20.7	195.3	3.8	1.1	3.7	301.6	345.1	18.5	93.4	3.4	288.0
0.4	12.7	724.1	925.0	21.6	20.7	195.3	3.8	1.1	3.7	301.6	345.1	18.5	93.4	3.4	288.0
0.5	15.1	562.3	900.0	19.9	18.6	159.2	7.5	-2.7	6.3	307.7	349.9	16.9	94.8	6.5	339.0
0.6	17.4	1276.2	875.0	19.9	14.2	159.5	9.3	-3.4	8.6	306.0	344.9	15.2	92.6	0.5	322.0
0.7	20.3	1456.2	850.0	18.2	14.6	154.3	10.1	-2.7	9.7	306.0	344.9	11.8	69.7	1.3	324.0
0.8	22.3	1712.1	825.0	15.8	14.3	170.4	9.9	-1.0	5.8	307.0	341.4	12.4	79.5	1.9	332.0
0.9	25.0	1973.3	800.0	13.5	11.9	182.1	10.2	0.4	10.1	307.0	337.4	11.0	89.4	2.6	339.0
1.0	27.4	2241.1	775.0	12.2	5.6	198.6	11.4	3.9	10.8	306.0	327.7	7.7	67.0	3.5	345.0
1.1	30.1	2516.3	750.0	13.0	0.2	222.3	11.3	7.6	8.4	311.4	327.2	5.4	43.2	4.1	350.0
1.2	32.5	2803.9	725.0	12.1	-13.5	245.4	11.9	10.8	4.9	313.0	318.8	1.9	15.2	4.3	356.0
1.3	34.4	3093.3	700.0	9.6	-13.6	247.8	11.7	10.8	4.4	313.3	319.2	1.9	17.7	4.7	360.0
1.4	36.4	3392.3	675.0	6.7	-13.8	245.8	11.0	10.0	4.5	313.4	319.5	1.9	21.6	5.1	364.0
1.5	41.3	3711.2	650.0	3.7	-13.3	242.2	10.4	9.2	4.9	313.4	320.0	2.1	27.8	5.6	368.0
1.6	44.3	4018.1	625.0	0.8	-13.7	235.3	11.2	9.2	6.4	313.6	320.6	2.3	34.9	6.2	372.0
1.7	47.4	4344.3	600.0	-2.3	-12.0	224.1	19.7	12.2	10.5	313.8	321.6	2.5	47.3	7.1	376.0
1.8	50.4	4681.1	575.0	-4.2	-14.7	218.0	19.6	12.2	15.6	315.4	322.1	2.2	43.9	8.4	380.0
1.9	53.6	5030.9	550.0	-5.2	-35.9	222.3	23.8	16.0	17.6	317.9	319.0	0.3	7.0	10.1	32.0
2.0	56.6	5393.6	525.0	-8.3	-52.3	229.8	23.6	18.7	15.2	318.4	318.7	0.1	1.4	12.0	34.0
2.1	60.3	5769.9	500.0	-11.5	-52.4	232.4	22.6	17.9	13.8	318.9	319.1	0.1	1.8	13.6	36.0
2.2	63.7	6160.8	475.0	-14.5	-52.9	231.7	24.0	19.4	15.7	320.0	320.2	0.1	2.2	15.3	38.0
2.3	67.1	6569.7	450.0	-15.7	-55.9	231.7	24.4	19.2	15.1	323.4	323.5	0.0	1.0	17.2	40.0
2.4	70.9	6977.9	425.0	-19.2	-62.1	231.5	25.4	19.9	15.8	324.3	324.4	0.0	1.0	19.4	41.0
2.5	74.7	7445.1	400.0	-22.2	-64.7	230.1	26.5	20.3	17.0	324.8	324.9	0.0	1.0	22.0	42.0
2.6	78.6	7913.7	375.0	-27.2	-59.7	230.8	29.7	23.0	18.6	325.5	325.6	0.0	3.1	25.0	43.0
2.7	82.9	8430.3	350.0	-31.4	-57.2	238.4	31.8	27.1	16.7	326.4	326.5	0.0	5.8	28.1	44.0
2.8	87.3	8926.4	325.0	-35.5	-52.8	241.9	36.8	32.5	17.4	327.7	328.3	0.1	14.9	31.7	46.0
2.9	91.8	9477.2	300.0	-40.7	99.9	238.7	38.6	33.0	20.1	328.1	328.3	99.9	99.9	36.0	48.0
3.0	96.6	10063.4	275.0	-45.2	99.9	238.3	41.2	35.1	21.6	328.8	328.9	99.9	99.9	41.6	49.0
3.1	101.6	10636.5	250.0	-48.3	99.9	243.0	43.0	38.3	19.5	330.3	330.5	99.9	99.9	46.0	51.0
3.2	107.3	11325.9	225.0	-53.5	99.9	242.9	41.6	36.9	18.9	330.5	330.9	99.9	99.9	50.0	53.0
3.3	113.0	12130.7	200.0	-59.1	99.9	244.2	44.5	40.0	19.4	335.3	335.4	99.9	99.9	54.6	54.0
3.4	119.3	12969.0	175.0	-58.3	99.9	242.3	44.6	39.5	20.8	337.7	337.9	99.9	99.9	58.6	55.0
3.5	126.3	13943.4	150.0	-57.9	99.9	241.5	47.2	41.5	22.5	370.3	370.3	99.9	99.9	73.6	56.0
3.6	134.3	15088.5	125.0	-59.2	99.9	237.3	24.1	26.3	13.0	367.8	367.8	99.9	99.9	88.4	56.0
3.7	141.7	16453.8	100.0	-67.8	99.9	230.4	22.5	17.4	14.4	390.8	390.9	99.9	99.9	91.8	58.0
3.8	150.3	18149.0	75.0	-73.8	99.9	189.6	6.0	1.0	5.9	418.1	418.1	99.9	99.9	96.4	58.0
3.9	159.5	20614.3	50.0	-62.5	99.9	90.9	9.4	-9.4	0.1	498.3	498.3	99.9	99.9	99.9	58.0
4.0	169.3	25022.1	25.0	-51.7	99.9	99.9	99.9	99.9	99.9	636.1	636.1	99.9	99.9	99.9	99.9

° BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

° BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265  
MIDLAND, TEX7 MAY 1975  
1115 GMT

TIME MIN	CATY	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT Y DG K	E POT Y DG K	WX RTG GM/G	RH PCT	RANGE KM	AZ DG
0.0	11.5	873.0	913.9	9.4	-0.5	240.0	3.2	2.8	1.6	291.7	101.9	4.1	50.7	0.7	19
00.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	12.4	975.3	900.0	17.6	3.2	267.9	3.2	3.2	6.1	307.6	316.4	5.7	40.8	1.1	66
1.2	14.5	121.3	875.0	18.1	-3.7	278.7	3.8	3.8	-0.6	303.0	312.7	3.3	22.5	2.3	81
2.0	16.5	143.2	850.0	16.0	-5.1	241.0	4.6	4.5	-0.9	303.4	312.2	3.0	22.6	2.5	90
2.9	18.5	1715.9	825.0	14.6	-6.5	274.5	5.2	5.2	-0.4	304.4	312.4	2.9	22.7	2.7	95
3.9	19.9	1975.0	800.0	13.0	-7.4	267.6	7.9	7.9	0.3	305.3	313.2	2.7	22.7	1.1	93
4.8	23.1	2240.5	775.0	11.0	-8.4	252.9	8.6	8.3	2.5	305.9	313.7	2.6	22.7	1.6	89
5.5	25.4	2512.7	750.0	8.3	-9.4	243.5	8.2	7.4	3.7	305.9	313.4	2.5	21.4	2.0	85
6.7	27.7	2781.1	725.0	5.5	-10.3	237.5	6.9	5.8	3.7	306.0	313.2	2.5	21.4	2.4	79
7.7	30.1	3076.6	700.0	2.9	-9.5	229.0	7.7	5.8	5.0	306.0	313.9	2.6	19.4	2.8	76
8.8	32.7	3373.2	675.0	0.9	-9.6	215.6	10.0	5.8	6.1	307.0	315.2	2.7	15.1	3.1	71
9.9	35.3	3672.4	650.0	-1.5	-9.5	206.6	12.2	5.5	10.9	307.6	316.2	2.9	15.4	3.2	64
11.0	37.8	3963.7	625.0	-3.6	-7.9	207.0	15.4	7.2	14.0	308.8	317.4	3.4	11.9	4.6	56
12.1	40.4	4255.6	600.0	-5.6	-9.6	211.6	19.4	10.2	16.5	310.0	319.2	3.1	7.3	5.7	51
13.2	43.0	4548.1	575.0	-7.9	-11.6	215.6	22.8	13.3	18.5	311.0	319.3	2.7	7.8	7.0	48
14.4	45.9	4842.3	550.0	-10.3	-10.8	220.7	24.0	15.7	18.2	312.0	319.2	1.3	4.1	8.7	46
15.6	48.9	5139.3	525.0	-12.8	-27.9	229.5	26.1	19.9	17.0	313.0	315.5	0.7	2.6	10.6	45
16.8	51.6	5431.0	500.0	-15.2	-32.1	233.4	27.6	22.3	16.3	314.0	316.2	0.5	21.9	12.4	47
18.1	54.9	5725.5	475.0	-17.8	-34.3	238.5	28.6	23.3	16.6	315.6	317.4	0.4	22.0	14.6	48
19.3	57.9	6017.4	450.0	-21.3	-35.3	239.3	27.3	23.5	13.9	316.5	317.9	0.4	22.6	16.7	49
20.9	61.1	6315.6	425.0	-24.4	-37.9	241.1	28.2	24.7	12.6	316.4	317.6	0.3	22.6	19.1	50
22.5	64.7	6612.7	400.0	-27.5	-40.6	240.7	32.6	29.3	16.2	317.9	318.8	1.3	20.0	22.1	52
24.2	68.1	6912.6	375.0	-31.6	-44.0	239.3	34.9	29.7	18.3	319.7	320.4	0.2	20.0	25.3	53
25.9	71.7	7212.6	350.0	-33.2	-44.1	239.7	41.6	35.9	21.9	323.9	324.5	0.2	20.1	28.3	54
27.0	75.7	7515.8	325.0	-37.4	-50.3	242.2	44.7	39.5	20.4	325.0	325.4	0.1	20.3	31.6	54
29.5	80.0	7815.8	300.0	-41.8	-50.9	241.1	44.9	39.4	21.6	326.5	326.5	0.9	99.9	34.0	55
31.8	84.2	8115.8	275.0	-45.6	-50.9	240.9	45.8	40.0	22.4	329.2	329.2	0.9	99.9	37.0	56
34.1	88.8	8415.8	250.0	-50.4	-50.9	237.8	49.0	41.4	26.1	331.1	331.1	0.9	99.9	40.0	57
36.8	94.0	8715.8	225.0	-54.7	-54.9	236.4	49.8	41.7	27.2	334.7	334.7	0.9	99.9	43.0	57
39.0	99.4	9015.8	200.0	-58.7	-58.9	236.2	49.3	42.4	25.2	334.5	334.5	0.9	99.9	46.0	57
43.0	105.3	9515.8	175.0	-56.0	-56.0	240.4	39.4	34.3	15.5	357.4	357.4	0.9	99.9	49.0	57
46.6	111.7	10015.8	150.0	-58.1	-58.1	248.7	36.0	34.1	13.7	370.0	370.0	0.9	99.9	52.0	58
50.7	119.0	10515.8	125.0	-58.2	-58.2	250.4	28.9	22.3	16.4	384.7	384.7	0.9	99.9	55.0	58
54.1	127.7	11015.8	100.0	-63.7	-63.7	255.2	27.7	22.7	15.8	400.4	400.4	0.9	99.9	58.0	58
61.8	137.0	11515.8	75.0	-67.7	-67.7	261.0	2.8	2.8	0.4	431.1	431.1	0.9	99.9	61.0	58
70.7	147.0	12015.8	50.0	-59.8	-59.8	81.7	4.2	-4.1	-0.6	502.7	502.7	0.9	99.9	64.0	57
85.1	158.0	12515.8	25.0	-48.8	-48.8	240.3	5.9	5.1	2.9	644.4	644.4	0.9	99.9	67.0	57

\* BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327  
NASHVILLE, TENN

7 MAY 1975

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

160 18. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	MX RTD GM/KG	RH PCT	RANGE KM	AZ DG
0.1	6.5	100.0	989.6	16.6	16.6	150.0	3.6	-1.8	3.1	292.2	323.4	12.1	100.0	0.0	0.
00.9	50.9	99.9	1000.0	50.9	99.9	99.9	99.9	99.9	59.0	59.0	999.9	99.9	999.9	999.9	999.9
0.5	7.7	137.6	975.0	17.8	17.0	292.4	3.6	3.3	-1.4	294.5	329.0	13.1	98.4	0.4	347.
1.3	6.9	131.6	950.0	17.3	16.1	256.7	3.4	3.3	0.8	296.4	328.0	12.3	92.7	0.4	10.
2.3	11.9	758.9	925.0	16.5	13.7	255.1	2.8	2.7	0.7	297.6	326.2	10.8	83.8	0.5	31.
3.4	13.9	902.2	900.0	15.5	11.9	235.1	2.4	2.0	1.4	298.8	325.1	9.8	79.5	0.6	40.
4.5	15.9	1231.3	875.0	14.0	11.7	212.4	2.6	1.0	2.4	299.6	324.4	10.0	66.3	0.9	40.
5.8	18.1	1475.4	850.0	11.7	9.1	115.0	0.9	-0.9	0.4	299.5	323.9	8.6	44.2	0.9	34.
7.0	20.4	1725.5	825.0	11.1	7.1	315.5	1.4	1.0	-1.0	301.4	322.5	7.7	30.1	0.8	36.
8.2	22.5	1942.6	800.0	10.1	6.4	253.5	2.0	1.9	0.6	302.5	323.8	7.6	27.5	0.9	43.
9.3	24.9	2248.8	775.0	7.1	4.0	239.3	3.3	2.9	1.7	302.3	320.7	6.6	20.3	1.0	45.
10.3	27.1	2515.3	750.0	5.8	4.2	233.0	6.8	6.5	2.0	303.7	323.0	6.9	29.4	1.0	49.
11.5	29.6	2793.1	725.0	4.6	3.0	259.9	9.6	9.7	1.7	305.4	323.9	6.6	88.9	1.0	58.
12.6	32.2	3078.4	700.0	2.6	1.8	254.3	10.3	9.9	2.8	306.2	324.0	6.3	94.5	2.5	64.
13.6	34.9	3372.3	675.0	0.6	0.3	248.5	10.1	9.4	3.7	307.0	323.6	5.8	97.8	3.2	65.
14.8	37.2	3675.0	650.0	-0.6	-0.9	237.0	9.7	9.5	2.2	305.0	325.0	5.5	97.8	3.8	69.
16.1	40.3	3988.2	625.0	-2.3	-2.6	264.6	10.0	10.0	0.9	310.5	325.3	5.1	97.7	4.6	69.
17.4	42.6	4312.4	600.0	-3.8	-4.1	269.3	10.8	10.8	0.1	312.4	326.3	4.7	97.5	5.4	71.
18.8	45.4	4648.0	575.0	-5.4	-5.9	272.1	10.2	10.2	-0.4	314.1	327.0	4.3	96.7	6.2	74.
21.3	48.4	4956.1	550.0	-7.5	-8.2	271.3	10.2	10.2	-0.2	315.6	327.0	3.8	95.0	7.1	77.
21.7	51.3	5237.4	525.0	-9.5	-10.3	266.8	9.6	9.6	0.5	317.4	327.6	3.3	93.6	7.9	78.
23.0	54.4	5733.1	500.0	-12.0	-13.0	256.6	12.1	11.7	2.8	318.7	327.5	2.8	92.0	8.7	78.
24.4	57.5	6124.4	475.0	-14.3	-15.5	258.2	14.2	13.9	2.9	320.5	328.2	2.4	90.4	9.9	78.
25.7	60.9	6522.8	450.0	-16.8	-18.3	253.8	15.7	15.6	1.9	322.3	328.8	2.0	88.1	11.1	78.
27.3	64.4	6920.0	425.0	-19.8	-21.5	248.5	18.6	18.5	0.5	323.8	329.1	1.6	85.6	12.6	79.
28.7	67.9	7427.4	400.0	-23.0	-25.3	240.4	21.6	21.6	-0.2	325.2	329.3	1.2	81.2	14.4	83.
30.3	71.5	7877.3	375.0	-26.6	-29.5	230.0	24.8	22.8	-0.0	326.4	329.4	0.9	76.7	16.3	82.
31.7	75.5	8371.8	350.0	-30.5	-33.7	223.2	28.9	26.7	3.2	327.6	329.8	0.6	73.3	18.5	82.
33.2	79.8	8894.5	325.0	-34.5	-38.2	211.3	27.0	26.7	4.1	329.1	330.9	0.4	68.6	21.9	82.
34.9	84.0	9448.7	300.0	-39.3	-43.1	200.4	27.0	26.3	6.2	329.9	330.9	0.3	66.7	23.5	82.
36.5	88.4	10078.8	275.0	-44.1	-49.9	189.9	29.2	27.6	9.4	331.3	330.9	99.9	99.9	26.2	81.
38.0	93.4	10670.5	250.0	-49.7	-56.9	174.7	33.2	30.0	14.2	332.1	330.9	99.9	99.9	29.1	80.
39.9	98.9	11311.2	225.0	-56.2	-64.4	160.3	33.7	30.1	15.1	332.4	330.9	99.9	99.9	32.6	78.
42.0	104.3	12077.8	200.0	-62.4	-71.9	146.8	34.5	32.2	12.5	334.0	330.9	99.9	99.9	36.9	77.
44.0	110.6	12898.5	175.0	-68.4	-79.9	134.1	42.0	47.4	11.5	337.0	330.9	99.9	99.9	41.8	76.
46.7	117.3	13833.7	150.0	-81.2	-99.9	127.9	41.8	39.8	-12.8	338.7	330.9	99.9	99.9	49.0	78.
49.8	125.0	14962.7	125.0	-84.2	-99.9	123.7	24.7	22.7	-9.9	338.8	330.9	99.9	99.9	53.5	82.
54.1	135.5	16317.1	100.0	-64.2	-99.9	129.3	27.0	25.5	-8.9	403.8	330.9	99.9	99.9	59.0	80.
59.4	142.3	18078.7	75.0	-64.9	-99.9	125.0	12.2	7.0	-10.0	416.9	330.9	99.9	99.9	63.8	88.
66.7	152.3	20505.7	50.0	-64.2	-99.9	97.5	9.0	-7.6	-4.0	422.3	330.9	99.9	99.9	64.4	90.
70.1	162.3	23438.9	25.0	-52.5	-99.9	20.8	4.6	2.3	4.0	433.2	330.9	99.9	99.9	62.5	90.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340  
LITTLE ROCK, ARK

7 MAY 1975  
1115 GMT

TIME MIN	CHTCY	HEIGHT GEN	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	F POT T DG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.1	6.2	79.0	699.3	17.8	14.5	180.0	1.5	0.0	1.5	292.4	319.6	17.5	81.0	0.0	0.0
0.9	99.9	49.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.7	8.5	291.9	975.0	20.6	18.8	175.9	7.3	-7.5	7.2	297.6	331.4	12.5	78.5	0.4	358.0
1.3	10.9	517.4	950.0	22.6	19.7	190.0	5.2	0.9	5.1	291.6	331.2	11.2	61.2	0.4	358.0
2.1	13.5	749.7	925.0	21.4	18.7	237.0	4.1	3.4	3.2	332.7	332.5	11.0	62.8	0.6	10.0
2.9	15.9	877.2	900.0	20.9	18.6	262.5	3.5	3.5	0.5	303.3	330.7	9.6	55.3	0.7	23.0
3.7	18.6	1230.6	875.0	19.3	16.6	266.8	5.4	5.4	0.3	303.0	328.9	8.6	53.6	0.8	38.0
4.4	21.1	1475.1	850.0	18.9	16.3	250.9	6.7	6.3	2.2	303.0	328.9	8.5	59.0	1.0	48.0
5.1	23.8	1733.3	825.0	14.9	9.1	238.7	5.9	5.0	3.1	303.6	330.1	8.9	68.1	1.3	52.0
5.9	26.3	1997.1	800.0	12.5	9.7	227.1	7.2	5.3	4.3	303.7	332.3	9.5	83.0	1.6	51.0
6.7	29.2	2256.6	775.0	11.3	6.9	236.7	8.5	0.0	5.4	307.0	329.7	8.1	74.5	2.0	50.0
7.5	32.1	2537.0	750.0	9.2	5.0	236.2	8.7	7.0	5.1	307.5	328.3	7.4	75.3	2.4	51.0
8.3	35.1	2813.3	725.0	6.6	1.8	234.4	9.3	7.6	5.4	307.4	328.7	6.0	71.7	2.8	52.0
9.0	37.9	3101.0	700.0	5.1	-2.9	236.5	10.3	8.6	5.7	308.7	321.7	4.4	56.3	3.2	52.0
9.9	40.7	3397.0	675.0	3.1	-4.4	242.3	10.1	9.0	4.5	308.7	321.8	4.1	57.5	3.6	53.0
10.6	43.9	3701.9	650.0	0.9	-3.8	252.0	9.5	9.1	2.8	317.5	323.7	4.5	71.3	4.2	54.0
11.7	46.9	4016.1	625.0	-1.2	-4.9	261.3	12.0	11.9	1.8	311.6	324.1	4.2	75.8	4.7	58.0
12.6	50.2	4341.2	600.0	-2.7	-11.0	260.0	15.9	15.6	3.3	313.3	321.3	2.6	50.3	5.5	61.0
13.8	53.3	4677.2	575.0	-5.3	-14.5	256.8	19.2	18.7	4.4	315.1	320.8	2.2	48.2	6.8	64.0
14.9	56.6	5024.5	550.0	-7.8	-17.0	257.1	19.5	19.0	4.4	315.0	320.9	1.8	47.8	8.0	66.0
16.0	60.3	5385.3	525.0	-9.5	-39.9	251.9	21.2	20.1	6.6	317.0	317.9	0.2	6.9	9.3	67.0
17.2	63.7	5760.6	500.0	-12.0	-28.6	247.6	24.3	23.5	6.3	318.5	320.9	0.7	23.7	10.9	68.0
18.5	67.1	6151.1	475.0	-14.5	-25.4	243.8	25.5	23.8	5.2	321.1	323.7	1.1	41.6	12.9	68.0
20.2	70.9	6556.7	450.0	-17.6	-29.7	249.4	27.1	25.4	9.5	321.2	324.4	1.0	45.0	15.3	68.0
21.6	74.9	6955.1	425.0	-19.8	-43.8	245.0	27.2	25.4	9.8	321.6	324.3	0.2	17.0	17.9	68.0
22.9	78.8	7331.9	400.0	-22.8	-54.4	240.4	28.0	26.0	10.3	321.3	324.6	0.1	3.9	20.0	58.0
24.2	82.8	7701.9	375.0	-26.4	-57.1	235.8	28.6	27.7	7.3	320.6	326.8	0.0	3.7	22.3	68.0
25.8	87.3	8096.1	350.0	-30.5	-58.9	231.9	33.0	31.5	5.8	327.6	327.7	0.0	4.3	25.1	70.0
27.4	91.8	8491.3	325.0	-35.3	-60.9	250.9	35.5	34.8	6.8	327.9	328.5	0.2	29.8	28.2	71.0
28.9	96.3	8977.9	300.0	-38.5	-62.1	251.3	38.2	36.2	12.2	331.1	332.3	0.3	66.2	31.6	71.0
30.3	101.4	9474.9	275.0	-42.9	-69.9	243.4	34.6	33.9	15.5	333.1	947.9	99.9	999.9	30.1	71.0
31.1	106.8	9996.6	250.0	-48.0	-99.9	239.2	40.0	34.4	20.5	334.7	999.9	99.9	999.9	41.0	70.0
32.2	112.3	11383.5	225.0	-53.6	-99.9	242.2	42.6	37.7	19.9	336.5	999.9	99.9	999.9	45.9	69.0
33.7	118.3	12132.0	200.0	-58.8	-99.9	245.3	50.1	45.5	21.0	336.7	999.9	99.9	999.9	52.3	68.0
40.7	124.6	12563.8	175.0	-60.5	-99.9	258.1	36.1	35.3	7.5	351.0	999.9	99.9	999.9	60.9	68.0
44.0	131.3	13919.0	150.0	-63.0	-99.9	256.6	42.4	41.3	9.9	361.6	999.9	99.9	999.9	67.7	69.0
48.1	139.3	15040.5	125.0	-62.1	-99.9	260.7	33.3	33.3	1.5	382.6	999.9	99.9	999.9	77.8	71.0
53.0	145.3	16420.2	100.0	-63.6	-99.9	274.7	29.0	28.9	-2.4	405.0	999.9	99.9	999.9	86.9	73.0
70.0	152.3	19175.5	75.0	-66.4	-99.9	299.2	4.1	3.6	-2.0	433.8	999.9	99.9	999.9	10.7	74.0
85.8	159.7	22635.6	50.0	-63.5	-99.9	23.3	6.8	-2.7	-6.2	494.0	999.9	99.9	999.9	91.4	75.0
78.5	167.3	25023.8	25.0	-56.7	-99.9	999.9	99.9	99.9	99.9	639.8	999.9	99.9	999.9	985.9	999.9

• BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

• BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

• BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349  
MONETTE, MO

7 MAY 1975  
1119 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPFDD W/SEC	U COMP W/SEC	V CCMF M/SLC	POT Y DG K	E POT Y DG K	MX RTO GM/KG	PH PCT	RANGE KM	AZ DG
0.0	8.3	435.7	958.3	14.9	14.4	130.0	2.6	-2.0	1.7	253.0	321.3	10.9	97.0	159	11. 9
0.9	59.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.2	9.3	512.1	950.7	16.5	16.3	999.9	99.9	99.9	99.9	293.6	327.9	12.4	98.3	999.9	99.9
1.2	11.1	741.0	925.0	17.7	14.2	999.9	99.9	99.9	99.9	298.9	328.6	11.1	76.9	999.9	99.9
2.2	13.5	975.6	900.0	17.2	10.8	999.9	99.9	99.9	99.9	303.5	325.1	9.1	65.9	999.9	99.9
3.3	15.5	1216.3	875.0	16.3	8.9	999.9	99.9	99.9	99.9	301.2	324.3	8.2	61.4	999.9	99.9
4.2	18.3	1462.5	850.0	14.9	7.5	999.9	99.9	99.9	99.9	302.8	324.1	7.7	61.2	999.9	99.9
5.3	20.4	1714.9	825.0	13.0	5.1	999.9	99.9	99.9	99.9	303.3	322.0	6.7	58.5	999.9	99.9
6.2	22.7	1972.6	800.0	11.4	-0.1	999.9	99.9	99.9	99.9	303.9	317.5	4.9	45.1	999.9	99.9
7.2	25.2	2237.5	775.0	9.5	-1.4	255.5	4.2	4.0	1.0	304.6	317.2	4.4	45.2	1.3	112.
8.2	27.6	2508.7	750.0	7.7	-9.1	260.1	5.1	5.0	0.9	305.3	312.6	2.5	28.1	1.5	138.
9.4	30.2	2756.7	725.0	5.4	-11.5	247.5	7.7	7.2	3.0	305.0	312.0	2.1	27.7	1.9	111.
10.4	32.8	3072.1	700.0	2.9	-11.4	240.5	9.9	8.6	4.9	306.0	312.9	2.3	32.9	2.4	93.
11.5	35.5	3365.2	675.0	0.3	-11.6	238.7	10.5	8.9	5.6	306.2	313.3	2.3	40.5	3.3	85.
12.7	38.1	3646.3	650.0	-1.5	-23.7	236.3	13.2	11.0	7.3	307.3	313.1	0.9	16.6	3.7	75.
13.9	40.3	3978.6	625.0	-1.5	-29.7	232.9	17.0	13.6	10.2	310.8	312.6	0.5	9.4	4.7	74.
15.2	43.8	4303.0	600.0	-3.1	-31.3	231.5	19.8	15.6	12.2	312.5	314.1	0.5	4.4	6.1	69.
16.4	46.9	4638.5	575.0	-5.1	-32.3	231.5	20.3	15.9	12.6	314.0	315.5	0.4	9.6	7.5	66.
17.6	49.9	4985.8	550.0	-7.8	-34.1	237.9	20.0	17.0	16.7	314.8	316.1	0.4	9.9	9.9	64.
18.9	52.6	5345.5	525.0	-10.5	-31.8	245.2	20.5	18.5	8.6	315.8	317.2	0.4	12.7	10.4	63.
20.3	55.7	5715.1	500.0	-13.2	-35.6	244.0	23.1	20.8	10.1	317.0	318.2	0.4	13.1	12.4	64.
21.7	59.0	6107.7	475.0	-15.4	-38.1	237.7	24.0	20.2	12.5	318.9	319.9	0.3	12.3	14.3	63.
23.3	62.3	6513.4	450.0	-18.6	-40.4	233.2	22.5	18.0	13.5	319.8	320.7	0.2	12.6	16.5	62.
25.0	65.9	6937.1	425.0	-21.6	-42.8	235.9	24.8	20.5	13.9	321.3	321.7	0.2	12.9	18.8	61.
26.4	69.3	7367.1	400.0	-25.7	-45.7	236.6	25.3	21.1	13.9	321.6	322.1	0.2	13.2	21.1	61.
28.1	72.8	7844.1	375.0	-29.5	-48.0	238.0	24.1	20.4	12.7	322.5	323.2	0.1	13.6	23.5	62.
30.0	76.8	8333.0	350.0	-32.7	-51.7	241.2	28.6	25.1	13.8	324.6	325.2	0.1	13.9	26.3	61.
31.8	80.7	8851.6	325.0	-36.4	-54.3	241.3	30.0	26.3	14.4	326.4	326.7	0.1	14.2	29.7	60.
33.8	85.0	9471.2	300.0	-40.9	-59.9	244.7	30.3	27.4	13.0	327.7	327.7	0.1	99.9	33.3	61.
36.1	89.4	9826.3	275.0	-46.1	-64.1	243.7	34.7	31.1	15.4	328.5	328.5	0.1	99.9	37.5	61.
38.3	94.0	10114.7	250.0	-49.8	-69.9	24.1	40.3	36.3	17.5	332.1	332.1	0.1	99.9	42.7	61.
40.8	99.0	11496.7	225.0	-54.2	-75.9	240.1	44.9	41.0	18.2	335.4	335.4	0.1	99.9	49.7	62.
43.6	104.3	12947.8	200.0	-56.4	-79.9	246.9	37.6	34.6	14.6	343.4	343.4	0.1	99.9	56.4	63.
45.6	110.2	13853.2	175.0	-58.3	-83.9	242.7	36.3	32.2	16.6	353.7	353.7	0.1	99.9	62.5	63.
52.0	116.3	15862.5	150.0	-58.5	-86.9	243.9	31.8	28.6	14.0	369.2	369.2	0.1	99.9	68.4	63.
3.9	123.3	18077.5	125.0	-59.2	-89.9	243.3	29.4	28.1	6.6	387.8	387.8	0.1	99.9	75.9	63.
8.3	131.0	18404.9	100.0	-59.5	-90.9	276.5	19.7	19.6	-2.2	412.7	412.7	0.1	99.9	83.9	64.
64.2	139.7	18188.1	75.0	-64.5	-99.9	283.9	5.7	5.7	-1.4	437.8	437.8	0.1	99.9	86.7	66.
71.8	146.0	22687.2	50.0	-61.1	-99.9	80.1	1.7	-1.7	-0.3	499.5	499.5	0.1	99.9	87.1	66.
85.0	160.0	23108.1	25.0	-51.4	-99.9	216.3	1.8	1.1	1.5	636.9	636.9	0.1	99.9	83.3	66.

0 BY SPEC MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353  
OKLAHOMA CITY, OKLA

7 MAY 1975  
1115 GMT

61 436. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	WEIGHT GFM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SFC	U COMP M/SFC	V COMP M/SFC	POT T DB K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.1	5.9	392.0	952.0	12.2	6.2	207.1	6.7	2.1	6.3	29.5.3	3.5.7	6.2	66.6	0.0	..
00.9	96.6	99.9	1006.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
00.9	96.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
0.6	10.8	497.5	956.0	14.2	9.3	52.4	10.1	-8.0	-6.2	291.6	99.9	99.9	999.9	0.6	338.
1.2	12.2	723.0	925.0	17.1	99.9	78.6	3.0	-5.0	-0.6	298.8	99.9	99.9	999.9	0.5	292.
2.1	15.3	957.3	903.0	19.2	99.9	223.0	2.8	2.7	0.8	301.3	99.9	99.9	999.9	0.5	311.
3.0	16.7	1147.5	873.0	17.0	99.9	283.4	2.1	2.1	-0.5	301.4	99.9	99.9	999.9	0.3	374.
3.7	20.3	1467.2	850.0	15.0	99.9	206.8	0.1	3.6	7.2	301.8	99.9	99.9	999.9	0.6	344.
4.9	23.1	1654.1	825.0	13.0	99.9	222.0	17.0	12.0	12.9	302.4	99.9	99.9	999.9	1.2	22.
7.0	25.5	1952.1	800.0	11.2	-0.6	212.5	10.8	5.8	9.1	307.7	316.8	4.6	43.8	2.1	27.
7.9	27.9	2215.9	775.0	8.9	-16.4	214.5	10.5	6.0	6.7	307.6	318.8	1.7	18.8	2.6	29.
7.9	30.6	2486.2	750.0	6.8	-5.9	221.4	10.5	6.9	7.9	308.4	314.0	3.3	40.0	3.2	30.
9.1	33.4	2763.7	725.0	4.5	-8.1	229.6	12.7	9.7	8.2	308.7	313.2	2.9	39.6	4.0	33.
10.2	36.0	3048.4	700.0	2.7	-10.2	235.7	15.6	12.9	8.8	308.8	313.1	2.5	37.9	4.9	37.
11.3	38.0	3341.4	675.0	0.9	-15.3	240.6	15.8	14.3	6.8	308.8	310.8	1.3	21.0	5.9	41.
12.6	41.3	3644.4	650.0	0.2	-18.2	247.5	20.1	18.6	7.7	309.3	313.6	1.4	23.6	7.1	46.
13.8	44.5	3957.3	625.0	-2.6	-13.2	247.6	24.5	22.7	5.4	309.8	316.0	2.2	43.9	8.7	50.
15.1	47.6	4279.3	600.0	-3.6	-22.9	243.6	24.2	21.6	10.8	311.8	315.0	1.0	21.1	10.6	53.
16.3	50.6	4614.9	575.0	-5.7	-24.4	238.5	21.6	17.6	12.5	312.4	316.4	0.9	21.2	12.2	54.
17.5	53.4	4961.3	550.0	-8.7	-26.8	246.6	18.5	13.5	12.7	313.8	316.4	0.8	21.5	13.6	57.
18.9	56.7	5319.4	525.0	-11.9	-24.4	226.8	16.7	12.2	11.5	314.2	316.3	0.6	21.7	15.0	53.
20.4	60.1	5691.3	500.0	-14.6	-31.6	224.9	14.0	10.2	9.6	315.2	317.0	0.5	21.9	16.5	52.
21.9	63.6	6077.7	475.0	-17.3	-33.1	223.2	22.9	18.1	14.1	316.5	318.2	0.5	23.8	17.7	52.
23.5	67.0	6481.1	450.0	-20.0	-34.8	99.9	99.9	99.9	99.9	313.1	319.6	0.4	25.2	999.9	999.9
25.0	70.9	69.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
26.5	74.9	74.9	402.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
28.0	78.9	79.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
29.5	82.9	84.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
31.0	86.9	89.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
32.5	90.9	94.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
34.0	94.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
35.5	98.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
37.0	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
38.5	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
40.0	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
41.5	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
43.0	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
44.5	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
46.0	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
47.5	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
49.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
50.0	99.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY





STATION NO. 365  
ALBUQUERQUE, N.M.

7 MAY 1975  
1115 GMT

TIME MIN	UNCT	WEIGHT GPM	PRES MB	TEMP DEG C	NEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E PJT T DEG C	MR RTO GM/KG	RH PCT	RANGE KM	AZ DEG
2.0	2.2	1619.7	834.0	-1.7	-12.6	200.1	2.6	0.9	0.3	280.1	201.0	1.7	43.6	2.7	1.1
99.9	99.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS  
OF POOR QUALITY

ATION NO. 433  
SALPM. ILL

7 MAY 1975  
1115 GMT

TIME MIN	CATCY	HEIGHT GM	PRES MR	TEMP DG C	DEW PT DG C	DIF DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT Y DG K	E POT Y DG K	MX RTO GM/KG	RM PCY	RANGE KM	AZ DG
0.3	5.3	175.0	900.0	15.9	15.6	110.0	1.5	-1.4	0.5	202.4	323.6	12.1	98.0	0.0	0.0
0.9	90.0	150.0	1000.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0.4	6.3	313.7	975.0	17.1	15.7	140.0	7.3	-4.7	5.6	243.0	324.1	11.6	91.9	7.2	201.0
1.2	8.5	536.1	950.0	17.3	15.4	135.0	6.1	-4.2	4.3	296.3	327.0	11.7	88.6	0.5	370.0
1.6	10.4	765.0	925.0	15.5	15.1	147.7	3.0	-2.4	2.9	296.0	325.8	11.1	91.6	0.7	370.0
2.6	12.3	965.3	900.0	13.8	12.7	224.0	1.0	1.1	1.1	297.1	324.6	10.4	93.4	0.8	312.0
3.4	14.4	1235.2	875.0	13.0	12.2	202.0	6.0	5.3	3.7	298.7	326.1	10.3	94.5	7.7	328.0
4.2	16.3	1476.1	850.0	11.7	10.6	270.1	5.2	5.2	-0.0	299.7	325.3	9.5	92.6	7.6	348.0
4.9	18.5	1725.2	825.0	10.8	9.5	272.8	4.0	2.8	-0.1	301.2	325.9	9.1	91.5	0.6	3.0
5.7	20.6	1975.3	800.0	10.3	8.4	314.8	4.0	2.8	-2.8	303.0	322.8	7.1	72.1	0.5	10.0
6.4	22.7	2240.9	775.0	8.4	2.1	313.5	7.7	5.6	-5.2	303.6	319.9	5.8	64.5	0.5	50.0
7.4	25.0	2519.1	745.0	6.5	0.6	311.4	8.1	6.0	-5.4	304.3	319.5	5.4	66.2	3.7	90.0
8.2	27.1	2757.0	725.0	5.0	-0.4	305.1	6.3	5.2	-3.6	305.6	320.3	5.1	68.1	1.1	125.0
9.3	29.5	3022.9	700.0	3.1	-1.0	304.5	4.8	3.9	-4.7	306.5	320.4	4.8	70.5	1.4	125.0
10.3	31.9	3376.7	675.0	1.0	-3.1	305.7	4.8	3.9	-2.6	307.3	320.5	4.5	74.3	1.6	111.0
11.3	34.4	3679.6	650.0	-1.0	-5.6	254.6	6.2	5.7	-2.5	309.3	319.7	3.6	71.3	1.9	112.0
12.3	36.8	3951.4	625.0	-3.2	-11.2	268.5	7.1	4.8	-2.3	309.1	317.0	2.6	63.7	2.4	112.0
13.5	39.4	4313.7	600.0	-5.3	-11.3	268.4	6.7	6.3	-2.1	310.3	318.5	2.7	62.5	2.9	112.0
14.6	41.7	4640.8	575.0	-7.3	-14.5	283.3	5.3	5.2	-1.2	311.7	318.4	2.2	56.4	3.3	111.0
15.7	44.9	4991.8	550.0	-9.9	-17.4	275.2	5.6	5.7	-0.5	312.9	318.1	1.8	54.4	3.6	110.0
16.8	47.5	5345.0	525.0	-12.4	-22.8	263.9	5.9	5.9	0.6	313.6	317.4	1.2	41.5	4.0	120.0
18.0	50.4	5723.5	500.0	-14.6	-25.3	245.7	4.8	4.0	3.6	315.4	319.5	1.3	52.0	4.4	135.0
19.2	53.3	6107.3	475.0	-16.4	-28.7	251.3	10.3	9.7	3.3	317.6	318.3	0.2	8.9	5.0	70.0
20.5	56.1	6511.5	450.0	-19.5	-26.7	265.3	12.1	12.1	1.0	318.8	321.9	0.9	52.3	5.8	90.0
21.9	59.3	6933.5	425.0	-22.6	-24.7	268.5	17.5	14.9	0.4	320.1	322.4	0.7	47.2	6.9	95.0
23.4	62.7	7376.4	400.0	-25.3	-20.3	264.3	21.3	21.2	1.4	322.2	325.3	0.8	68.4	8.6	90.0
24.9	66.3	7842.6	375.0	-28.1	-18.0	255.3	25.6	24.8	0.5	324.1	324.1	0.0	1.0	10.8	91.0
26.5	69.7	8333.9	350.0	-32.2	-14.7	257.7	22.6	22.1	4.8	325.3	325.4	0.1	23.6	15.2	62.0
28.2	73.3	8852.6	325.0	-36.0	-52.1	255.7	22.8	22.1	5.6	326.9	327.4	0.1	23.6	15.2	62.0
29.8	77.3	9433.5	300.0	-40.4	90.9	250.3	26.0	24.3	8.8	328.4	999.9	99.9	999.9	17.4	88.0
31.7	81.5	9991.2	275.0	-44.7	90.9	240.1	24.4	25.9	14.9	330.4	999.9	99.9	999.9	20.6	92.0
33.9	84.9	10621.2	250.0	-50.2	90.9	237.9	30.3	24.7	16.1	331.4	999.9	99.9	999.9	24.4	78.0
35.4	89.9	11299.7	225.0	-54.1	90.9	237.6	36.8	31.1	19.7	332.6	999.9	99.9	999.9	28.8	75.0
36.9	96.3	12047.3	200.0	-60.5	90.9	242.3	43.6	38.6	30.3	337.0	999.9	99.9	999.9	34.0	72.0
41.0	101.5	12663.3	175.0	-63.9	90.9	245.8	45.3	41.3	18.6	344.6	999.9	99.9	999.9	42.7	71.0
45.2	108.3	13825.5	150.0	-64.8	90.9	282.9	30.5	29.8	-6.8	372.2	999.9	99.9	999.9	51.5	72.0
48.9	115.3	14608.1	125.0	-62.0	90.9	295.1	17.8	16.1	-7.5	392.6	999.9	99.9	999.9	54.7	75.0
53.7	124.3	16344.4	100.0	-61.2	90.9	291.3	23.7	22.1	-8.6	409.5	999.9	99.9	999.9	64.8	77.0
59.0	134.5	18120.9	75.0	-61.2	90.9	300.4	12.6	10.9	-4.4	444.4	999.9	99.9	999.9	68.2	81.0
62.7	145.5	20556.3	50.0	-59.0	90.9	340.4	3.6	0.7	-3.7	504.6	999.9	99.9	999.9	67.9	83.0
99.9	52.9	99.9	25.0	90.9	90.9	90.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451  
DODGE CITY, KAN

7 MAY 1975  
1115 GMT

TIME MIN	CNTCT	WRIGHT GFM	PRES MD	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DU K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	14.1	791.0	914.5	5.0	-3.6	226.7	4.7	3.6	3.6	283.5	203.7	2.7	46.0	1.0	10
09.9	99.9	36.0	914.5	99.9	56.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	914.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
15.0	15.0	641.0	965.0	11.6	-6.8	262.7	11.6	1.4	1.4	263.8	361.1	2.6	27.3	6.4	77.0
1.0	16.3	1177.1	875.0	11.0	-6.5	263.1	12.1	1.4	1.4	263.1	332.8	2.3	23.5	0.9	47.0
2.0	20.5	1419.7	850.0	10.1	-10.0	255.3	10.4	10.1	10.1	267.0	303.2	2.1	23.2	1.4	61.0
2.0	22.3	1664.2	825.0	9.7	-12.2	243.7	12.1	10.4	10.4	269.1	316.4	1.8	19.9	1.8	77.0
3.5	25.5	1921.0	800.0	8.7	-12.6	237.4	16.1	13.6	13.6	300.7	306.1	1.8	20.7	2.5	73.0
4.3	28.1	2142.3	775.0	6.2	-13.4	230.4	17.8	13.7	13.7	306.7	306.1	1.8	22.9	3.2	65.0
5.0	30.9	2449.9	750.0	3.9	-15.6	227.0	18.1	13.2	13.2	311.1	311.1	1.6	24.2	4.0	65.0
5.9	33.5	2724.0	725.0	1.2	-15.9	222.0	17.2	11.7	11.7	310.4	305.5	1.5	26.0	4.8	61.0
6.7	36.3	3004.9	700.0	-1.2	-16.9	215.8	17.9	10.4	10.4	311.4	305.8	1.4	28.9	5.6	58.0
7.6	39.2	3233.5	675.0	-3.4	-18.1	217.1	21.1	12.7	12.7	312.0	307.1	1.4	30.9	6.5	54.0
8.6	42.0	3597.9	650.0	-5.2	-19.2	222.9	26.4	16.3	16.3	312.2	307.1	1.3	32.2	7.9	52.0
9.5	45.1	3997.5	625.0	-7.6	-22.1	223.2	29.1	19.9	19.9	312.2	307.1	1.0	33.2	9.5	50.0
10.4	48.1	4214.1	600.0	-10.0	-24.8	223.0	31.6	21.9	21.9	312.2	307.1	0.7	33.2	11.2	49.0
11.4	51.1	4544.5	575.0	-12.4	-27.4	224.8	35.1	24.7	24.7	312.2	311.4	0.7	33.2	13.1	49.0
12.4	54.4	4980.2	550.0	-14.5	-31.7	221.4	35.0	23.8	23.8	312.2	311.4	0.6	33.2	15.2	48.0
13.5	57.6	5240.1	525.0	-14.7	-31.8	218.4	38.4	23.9	23.9	312.2	312.4	0.5	33.2	17.6	47.0
14.6	61.1	5607.2	500.0	-17.9	-34.5	217.0	37.7	22.7	22.7	312.2	312.5	0.4	33.2	20.1	46.0
15.9	64.6	5988.0	475.0	-20.8	-36.9	216.0	37.7	22.2	22.2	312.2	313.4	0.3	33.2	22.1	44.0
17.3	68.1	6385.5	450.0	-24.1	-39.6	213.7	36.1	20.3	20.3	312.2	313.8	0.3	33.2	24.0	43.0
18.5	71.7	6799.8	425.0	-27.5	-42.4	215.1	39.8	23.0	23.0	312.2	313.8	0.2	33.2	26.0	42.0
19.4	75.7	7232.5	400.0	-31.1	-44.4	219.4	39.0	24.7	24.7	312.2	313.8	0.2	33.2	28.0	42.0
21.1	79.4	7686.9	375.0	-34.6	-46.5	227.1	41.0	27.9	27.9	312.2	313.8	0.2	33.2	30.0	42.0
22.9	84.1	8144.2	350.0	-38.0	-47.8	232.3	44.9	34.0	34.0	312.2	313.8	0.1	33.2	32.0	42.0
24.7	88.2	8673.8	325.0	-40.2	-49.9	235.2	47.7	35.1	35.1	312.2	313.8	0.1	33.2	34.0	43.0
25.6	92.7	9214.9	300.0	-44.8	-50.9	238.4	47.7	36.0	36.0	312.2	313.8	0.1	33.2	36.0	44.0
28.5	97.6	9790.2	275.0	-50.0	-50.9	238.4	45.3	37.1	37.1	312.2	313.8	0.1	33.2	38.0	45.0
31.2	102.6	10408.6	250.0	-51.6	-50.9	231.9	37.7	29.7	29.7	312.2	313.8	0.1	33.2	40.0	47.0
34.0	107.3	11097.3	225.0	-48.3	-49.9	233.2	40.4	32.3	32.3	312.2	313.8	0.1	33.2	42.0	48.0
36.7	114.3	11871.7	200.0	-49.7	-50.9	228.6	27.3	19.9	19.9	312.2	313.8	0.1	33.2	44.0	48.0
39.8	121.3	12740.5	175.0	-52.1	-50.9	224.5	19.4	13.6	13.6	312.2	313.8	0.1	33.2	46.0	47.0
42.4	127.2	13732.1	150.0	-57.7	-50.9	224.4	16.8	13.1	13.1	312.2	313.8	0.1	33.2	48.0	47.0
47.9	134.7	14857.3	125.0	-53.0	-50.9	249.7	25.5	24.0	24.0	312.2	313.8	0.1	33.2	50.0	48.0
53.3	142.7	16224.7	100.0	-58.1	-50.9	246.2	23.6	21.0	21.0	312.2	313.8	0.1	33.2	52.0	49.0
59.3	150.2	18116.2	75.0	-62.9	-50.9	211.7	23.4	19.9	19.9	312.2	313.8	0.1	33.2	54.0	48.0
67.8	156.7	20654.1	50.0	-58.5	-50.9	156.6	9.3	-7.7	-7.7	312.2	313.8	0.1	33.2	56.0	48.0
69.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456  
TOPERA, JAN7 MAY 1975  
1135 GMT

TIME MIN	CNTLT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DG
00.0	00.0	266.0	976.0	6.7	4.5	180.0	2.6	0.0	2.6	282.5	286.5	5.4	86.0	0.0	0.
00.9	00.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.1	01.1	276.6	975.0	9.2	5.1	99.9	99.9	99.9	99.9	285.1	289.9	5.7	76.9	979.9	99.9
01.8	01.8	488.0	950.0	22.3	-1.9	99.9	99.9	99.9	99.9	300.3	312.3	3.5	19.8	999.9	99.9
1.7	11.3	759.4	925.0	22.0	-2.1	228.5	6.1	6.1	6.1	302.3	312.5	3.5	19.8	0.7	38.
2.5	13.6	965.8	900.0	19.7	-3.9	213.9	7.0	6.6	6.6	302.3	311.5	3.2	19.9	1.0	43.
3.3	13.8	1257.0	875.0	17.5	-5.6	236.2	6.4	7.0	4.7	302.3	310.7	2.9	20.1	1.4	46.
4.1	18.1	1433.0	850.0	15.0	-7.6	236.1	9.2	7.5	5.2	302.2	309.6	2.5	20.2	1.6	48.
5.0	21.7	1754.4	825.0	12.6	-8.2	230.9	9.2	7.2	5.8	302.4	309.6	2.5	22.3	2.3	50.
5.9	25.2	1681.2	800.0	10.1	-10.4	222.2	10.1	6.6	7.5	302.2	308.7	2.2	22.4	2.6	49.
6.7	28.7	2224.1	775.0	7.9	-12.2	222.0	11.4	9.0	7.0	302.2	308.4	1.9	22.5	3.3	48.
7.6	28.3	2493.3	750.0	6.2	-13.6	242.0	16.2	14.3	7.6	303.5	308.9	1.8	22.6	4.0	50.
8.5	31.0	2776.0	725.0	4.2	-12.9	244.3	20.6	14.8	9.0	303.3	310.2	1.9	27.4	5.0	53.
9.4	33.9	3134.5	700.0	2.3	-15.9	243.2	22.0	19.7	9.9	303.3	310.1	1.6	24.5	6.3	55.
10.4	36.4	3366.6	675.0	-0.5	-19.1	241.3	19.5	17.1	9.3	303.2	309.1	1.2	23.0	7.6	56.
11.5	39.3	3688.5	650.0	-0.0	-21.1	239.6	19.9	17.2	10.0	303.1	312.6	1.1	18.6	8.7	57.
12.5	42.3	3982.0	625.0	-1.0	-21.9	239.1	21.6	18.5	11.1	311.4	314.8	1.1	18.7	10.0	57.
13.5	45.1	4286.1	600.0	-3.5	-23.8	235.3	20.2	16.6	11.5	312.1	315.1	0.9	16.8	11.2	57.
14.6	48.1	4623.8	575.0	-6.1	-25.9	231.4	20.3	15.9	12.7	312.9	315.5	0.8	16.0	12.6	57.
15.7	51.1	4906.6	550.0	-9.1	-28.3	223.7	19.5	13.5	14.1	313.3	315.5	0.7	19.2	13.9	56.
17.0	54.3	5325.7	525.0	-11.5	-30.2	220.1	21.3	13.7	16.3	313.6	316.6	0.6	19.4	15.4	55.
18.2	57.4	5657.2	500.0	-14.2	-32.4	216.5	21.4	14.2	16.1	315.7	317.4	0.5	19.5	16.9	53.
19.5	60.7	6094.4	475.0	-17.0	-34.7	220.8	21.5	15.4	15.2	316.9	318.4	0.4	19.7	18.5	52.
20.8	64.2	6498.1	450.0	-19.4	-36.0	224.5	21.6	15.1	15.4	318.9	320.3	0.4	22.1	20.2	52.
22.1	67.9	6911.5	425.0	-22.4	-38.1	228.9	22.0	15.5	15.6	320.2	321.4	0.3	22.3	22.1	51.
23.6	71.3	7322.8	400.0	-26.1	-39.7	222.6	20.5	14.2	14.9	321.0	322.0	0.3	26.4	23.9	51.
25.2	75.3	7811.5	375.0	-30.5	-42.4	224.3	21.5	15.0	15.4	321.2	323.0	0.2	29.7	25.7	50.
26.7	79.3	8311.9	350.0	-34.2	-45.4	221.4	24.6	16.3	16.5	321.6	323.3	0.2	30.6	28.0	50.
28.4	83.5	8815.6	325.0	-38.5	-48.9	217.3	24.1	14.6	19.2	323.5	325.9	0.2	30.6	30.3	49.
30.3	87.3	9355.2	300.0	-44.1	-50.9	216.8	24.5	14.7	14.6	323.2	325.9	0.2	30.6	33.0	48.
32.6	92.6	9937.4	275.0	-48.7	-52.9	218.5	27.3	17.0	21.3	324.7	326.9	0.2	30.6	35.5	47.
35.2	97.4	10556.9	250.0	-53.4	-56.9	216.5	26.3	16.7	20.3	326.7	328.9	0.2	30.6	38.0	46.
37.9	102.5	11237.8	225.0	-54.8	-59.9	223.3	30.7	21.0	22.3	328.5	330.9	0.2	30.6	40.5	45.
40.5	108.3	11985.1	200.0	-55.5	-59.9	233.9	38.1	31.2	21.5	334.9	337.9	0.2	30.6	43.0	44.
43.4	114.3	12859.6	175.0	-53.3	-59.9	243.4	33.9	30.3	15.2	361.9	364.9	0.2	30.6	45.5	43.
47.4	120.7	13825.2	150.0	-55.9	-59.9	237.1	28.3	16.7	12.1	373.9	376.9	0.2	30.6	48.0	42.
52.2	127.7	14993.2	125.0	-53.3	-59.9	241.5	28.1	22.9	12.5	358.5	361.5	0.2	30.6	50.5	41.
57.7	134.7	16125.0	100.0	-55.2	-59.9	255.0	7.4	7.2	1.6	421.0	424.0	0.2	30.6	53.0	40.
63.1	141.7	18228.8	75.0	-55.7	-59.9	231.5	3.3	1.1	-2.0	447.6	450.6	0.2	30.6	55.5	39.
74.6	151.7	22763.6	50.0	-58.0	-59.9	201.6	3.3	1.2	-3.0	508.5	511.5	0.2	30.6	58.0	38.
89.7	158.7	252.9.8	25.0	-58.2	-59.9	77.7	6.3	-8.1	-1.8	600.4	603.4	0.2	30.6	60.5	37.

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 476  
 GRAND JUNCTION, COLO

 7 MAY 1975  
 1115 GUT

TIME MIN	CATCT	WEIGHT GEM	PRES MB	TEMP DG C	DEW PT DG C	DIR NG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT 1 CG K	F POT 1 DG K	MX RTO GM/NG	RM PCT	RANGE KM	AZ DG
0.1	20.3	1474.0	845.4	5.0	-4.5	155.0	2.6	-1.1	2.4	292.2	301.1	3.2	49.0	1.3	20
0.9	09.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	09.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	09.9	99.9	957.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	09.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	09.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	09.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	22.2	1677.2	825.0	4.2	-5.4	169.2	6.0	-1.1	5.9	293.5	312.1	3.1	49.4	0.2	313
1.4	28.4	1932.9	800.0	2.4	-6.4	162.6	4.3	-1.3	4.1	294.1	312.2	2.6	50.5	0.5	338
2.3	27.2	2178.5	775.0	0.1	-8.2	203.9	5.6	1.3	5.2	294.2	301.8	2.7	53.7	0.7	340
3.0	26.4	2400.1	750.0	-2.2	-9.7	217.7	8.2	5.0	6.5	294.4	301.6	2.5	58.4	1.0	359
4.7	32.6	2728.4	725.0	-4.7	-10.3	235.5	9.5	8.2	5.6	294.6	311.3	2.3	62.4	1.3	13
5.6	37.9	3268.7	700.0	-6.8	-11.6	246.4	12.7	11.2	4.9	295.2	301.6	2.2	67.5	1.7	27
6.6	47.7	3557.8	650.0	-9.0	-11.5	251.5	14.6	13.6	4.6	295.7	302.7	2.4	81.8	2.3	39
7.4	47.6	3854.5	625.0	-12.8	-14.1	265.3	17.4	17.6	3.3	296.7	303.9	2.5	94.7	3.1	49
8.5	48.6	4161.7	600.0	-15.1	-16.7	276.3	18.8	18.3	0.2	298.0	304.0	2.1	97.4	4.7	57
9.4	48.8	4489.3	575.0	-17.5	-18.5	279.9	18.8	18.5	-2.0	298.5	304.3	1.8	91.9	4.9	60
10.3	52.6	4821.9	550.0	-19.9	-20.7	277.4	18.5	18.3	-3.2	298.6	304.2	1.5	92.5	5.8	70
11.4	55.8	5164.3	525.0	-22.7	-23.8	275.3	17.4	17.4	-2.3	300.6	304.6	1.3	93.4	6.7	78
12.5	56.1	5521.3	500.0	-25.3	-26.5	274.5	17.8	17.6	-1.6	301.2	304.5	1.1	90.3	7.8	78
13.7	62.5	5821.3	475.0	-27.4	-28.3	273.5	16.5	16.5	-2.6	302.3	305.0	0.9	88.9	8.8	80
14.9	65.9	6275.0	450.0	-29.3	-31.7	275.1	18.2	18.1	-1.3	304.1	306.5	0.8	91.9	10.0	82
16.1	65.6	6686.6	425.0	-30.8	-33.8	295.2	18.3	18.6	-1.6	306.4	306.5	0.6	84.9	11.3	83
17.3	73.2	7114.0	400.0	-34.1	-38.4	316.4	16.2	16.2	-7.8	306.6	311.3	0.5	74.5	12.5	85
18.7	77.2	7562.5	375.0	-38.1	-43.4	338.5	14.5	14.5	-13.1	310.7	311.9	0.3	64.7	13.5	86
20.2	81.2	8034.0	350.0	-41.2	-47.9	353.1	17.9	17.9	-17.1	313.2	309.9	0.2	57.1	14.2	93
21.6	85.3	8513.5	325.0	-45.1	-51.3	363.7	22.8	16.4	-21.9	314.6	307.9	0.2	50.9	14.9	98
23.6	89.7	9133.2	300.0	-49.3	-56.4	380.9	21.3	16.3	-21.9	315.9	309.9	0.2	44.9	15.7	102
25.7	94.4	9631.3	275.0	-53.2	-60.9	398.5	18.2	12.1	-18.6	323.9	309.9	0.2	38.9	17.2	111
28.0	99.2	10255.3	250.0	-59.2	-67.4	426.7	13.0	11.4	-12.6	331.0	309.9	0.2	32.9	21.2	117
30.4	104.5	10931.4	225.0	-67.4	-74.9	450.7	13.0	13.0	6.3	345.9	309.9	0.2	26.9	23.1	116
33.1	110.2	11724.3	200.0	-74.3	-81.9	476.3	17.2	17.1	1.1	358.4	309.9	0.2	20.9	25.0	113
35.1	116.9	12617.7	175.0	-81.5	-89.9	503.6	12.9	11.6	5.7	371.5	309.9	0.2	14.9	27.5	110
38.3	122.1	13616.8	150.0	-83.6	-99.9	534.0	14.0	11.3	8.2	377.8	309.9	0.2	8.9	28.8	125
43.4	127.1	14724.6	125.0	-93.4	-109.9	568.2	11.7	11.5	2.4	398.3	309.9	0.2	2.9	31.4	102
48.4	132.1	16214.8	100.0	-103.1	-119.9	603.0	13.1	6.1	11.6	421.2	309.9	0.2	1.9	32.9	97
50.4	140.7	18072.4	75.0	-104.5	-129.9	629.9	7.9	1.8	7.7	458.7	309.9	0.2	1.9	34.1	89
53.3	152.3	20613.2	50.0	-106.3	-139.9	650.0	3.0	1.9	-2.7	506.1	309.9	0.2	1.9	33.2	89
70.6	164.7	25056.2	25.0	-105.6	-159.9	53.4	3.4	-2.7	-2.0	625.3	309.9	0.2	1.9	32.2	92

\* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

\* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

\*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 11001  
 MARSHALL SPACE FLIGHT CENTER

 7 MAY 1975  
 1217 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	MX RTO GM/RG	RH PCT	RANGE KM	AZ DG
3.1	6.3	180.2	991.0	17.8	17.3	150.0	2.6	-1.3	2.3	293.4	324.1	12.7	97.0	149	53.0
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	319.2	975.0	16.1	15.9	176.7	3.1	-0.1	3.1	293.7	323.3	99.3	98.3	0.1	31.0
1.6	10.1	541.1	950.0	16.9	15.3	269.3	3.7	3.7	0.0	295.8	324.4	10.9	84.7	0.2	35.7
2.4	12.3	768.4	925.0	15.1	11.9	277.2	4.8	4.7	-0.6	296.0	321.1	9.5	80.8	0.3	46.0
3.3	14.3	1071.3	900.0	15.8	10.5	280.6	8.2	7.7	-2.5	298.9	322.9	8.9	70.9	0.5	79.0
4.1	16.3	1241.0	875.0	15.7	9.6	284.7	12.4	11.2	-5.2	301.3	321.0	7.1	61.8	1.0	107.0
5.2	18.6	1456.3	850.0	13.6	6.4	298.7	16.5	14.5	-8.0	301.3	321.0	7.1	61.8	1.0	107.0
6.3	20.9	1738.1	825.0	13.4	6.0	298.3	20.1	17.7	-9.5	303.7	323.5	7.1	60.9	2.0	110.0
6.7	23.1	1986.6	800.0	11.4	5.7	303.1	20.8	17.5	-11.4	304.2	324.4	7.2	60.0	3.7	113.0
7.6	25.4	2261.2	775.0	8.8	4.1	306.9	20.7	16.6	-12.5	304.2	324.4	6.7	72.1	4.7	116.0
8.3	27.7	2532.2	750.0	6.6	3.0	307.0	21.3	17.0	-12.8	304.6	322.5	6.4	77.6	5.6	118.0
9.1	30.2	2809.3	725.0	3.3	2.0	303.5	23.0	19.1	-12.7	303.9	321.1	6.1	91.4	6.6	119.0
10.1	32.6	3083.0	700.0	0.7	-0.2	303.3	27.7	23.1	-15.2	303.9	319.3	5.4	94.0	8.1	120.0
11.7	35.3	3395.8	675.0	0.7	0.1	304.6	28.3	23.3	-16.0	307.2	323.6	5.7	95.2	10.9	121.0
12.8	37.9	3686.7	650.0	-0.6	-1.2	305.1	25.4	20.8	-14.6	305.0	324.7	5.4	95.8	12.7	121.0
13.9	40.5	4012.6	625.0	-1.4	-1.5	302.5	22.7	17.8	-14.1	311.6	327.4	5.4	97.1	14.3	122.0
15.4	43.3	4311.7	600.0	-2.7	-3.1	311.9	20.9	15.6	-13.9	313.7	328.7	5.1	97.2	16.2	123.0
16.6	46.3	4664.8	575.0	-4.2	-4.7	307.2	15.9	15.9	-12.0	315.6	329.7	4.7	96.4	17.8	124.0
18.1	49.3	5014.8	550.0	-6.0	-6.7	297.3	18.8	16.5	-8.5	317.8	330.3	4.2	94.4	19.4	123.0
19.8	52.0	5378.0	525.0	-8.5	-9.4	298.2	18.2	16.0	-8.6	318.7	329.7	3.6	92.7	21.2	123.0
21.4	55.2	5734.6	500.0	-10.5	-11.8	294.7	17.4	15.8	-7.3	320.6	330.3	3.1	90.0	23.0	123.0
23.1	58.1	6149.1	475.0	-13.1	-14.7	290.9	16.6	15.6	-5.9	322.1	330.3	2.6	87.6	24.6	122.0
24.8	61.7	6559.4	450.0	-15.5	-17.4	281.3	10.3	16.0	-2.2	323.9	330.9	2.2	85.3	26.3	121.0
26.5	65.2	6983.0	425.0	-18.3	-20.6	278.9	18.4	14.1	-2.9	325.6	331.4	1.7	82.5	27.9	120.0
28.3	68.7	7386.9	400.0	-21.6	-24.3	265.0	17.2	17.1	1.5	327.0	331.5	1.3	78.3	29.6	118.0
30.1	72.3	7911.9	375.0	-24.7	-28.0	258.5	16.8	16.4	3.4	328.9	334.4	1.7	73.8	31.0	116.0
32.1	76.3	8411.1	350.0	-28.4	-32.4	256.0	17.9	17.4	4.3	330.2	332.8	0.7	69.2	32.3	114.0
33.9	80.4	8936.5	325.0	-32.9	-37.2	254.9	17.3	16.8	3.9	331.3	333.0	0.8	64.8	34.3	112.0
35.9	84.8	9493.7	300.0	-36.1	-42.7	256.9	22.6	22.5	1.2	331.6	332.6	0.3	61.3	36.6	110.0
38.0	89.4	10095.0	275.0	-43.3	99.9	265.3	22.9	22.8	-3.3	333.6	999.9	99.9	99.9	39.1	108.0
40.2	94.4	10719.5	250.0	-49.0	99.9	268.8	26.1	26.0	2.4	333.2	999.9	99.9	99.9	42.0	106.0
42.5	99.6	11424.4	225.0	-54.9	99.9	265.1	26.3	24.3	2.1	334.4	999.9	99.9	99.9	45.6	105.0
45.3	105.4	12143.0	200.0	-61.6	99.9	271.5	30.9	30.9	-0.8	335.2	999.9	99.9	99.9	49.4	103.0
48.2	111.7	12956.9	175.0	-68.5	99.9	283.7	23.2	33.1	-2.9	336.8	999.9	99.9	99.9	53.1	102.0
51.9	118.7	13878.9	150.0	-64.9	99.9	282.2	40.4	45.4	-6.8	356.3	999.9	99.9	99.9	65.0	101.0
55.8	126.7	15368.8	125.0	-67.7	99.9	310.9	23.7	17.9	-18.5	353.3	999.9	99.9	99.9	72.6	100.0
61.2	135.7	16368.9	100.0	-67.6	99.9	296.4	24.9	27.3	-11.1	357.2	999.9	99.9	99.9	78.2	100.0
67.3	144.7	18114.3	75.0	-67.1	99.9	326.8	11.9	6.5	-10.0	432.2	999.9	99.9	99.9	84.7	106.0
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

 \* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG  
 \* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED  
 \*\* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

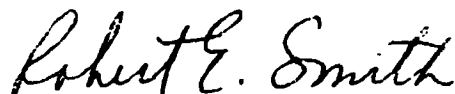
## APPROVAL

DATA FOR NASA'S AVSSE II EXPERIMENT:  
25-MB SOUNDING DATA AND SYNOPTIC CHARTS

By Nancy F. Fucik and Robert E. Turner

The information in this report has been reviewed for security classification. Review of any information concerning Department of Defense or Atomic Energy Commission programs has been made by the MSFC Security Classification Officer. This report, in its entirety, has been determined to be unclassified.

This document has also been reviewed and approved for technical accuracy.



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